

# Bibliography

## 61-1 Chemical Identity

MRID	Citation Reference
36407	Mobay Chemical Corporation (1974) Confidential Ingredient Statement: (R)Morestan 25% Wettable Powder. (Unpublished study received Dec 2, 1974 under 5F1577; CDL:094485-B)
103404	Mobay Chemical Corp. (1967) Confidential Composition Statement: Morestan Technical. (Unpublished study received Oct 10, 1967 under 3125-117; CDL:006009-M)
103421	Mobay Chemical Corp. (1963) Confidential Ingredient Statement: Morestan 25% Wettable Powder. (Unpublished study received Jun 18, 1965 under 3125-117; CDL:025745-C)
103471	Mobay Chemical Corp. (1974) Confidential Ingredient Statement: Morestan 25% Wettable Powder. (Unpublished study received on unknown date under 5F1577; CDL:098099-B)
158833	Mobay Chemical Corp. (1986) Product Identity: Morestan. Unpub- lished study. 71 p.
40497206	Talbott, T. (1987) Product Chemistry of Morestan 4 Ornamental Miti- cide. Unpublished compilation prepared by Mobay Corp. 70 p.
41899701	Talbott, T. (1991) Product Chemistry of Morestan Technical: Lab Project Number: MCL0073-A: MCL0073-B. Unpublished study pre- pared by Mobay Corp. 28 p.

## 61-2 Description of Beginning Materials and Manufacturing Proces

MRID	Citation Reference
87927	Mobay Chemical Corporation (19??) Manufacturing Process: (Morestan). (Unpublished study received on unknown date under unknown admin. no.; CDL:102236-A)
103458	Mobay Chemical Corp. (1969) ?The Chemistry of Morestan Acaricide- insecticide-fungicide . (Compilation; unpublished study re- ceived Mar 24, 1969 under 9F0818; CDL:093136-C)
158833	Mobay Chemical Corp. (1986) Product Identity: Morestan. Unpub- lished study. 71 p.
40497206	Talbott, T. (1987) Product Chemistry of Morestan 4 Ornamental Miti- cide. Unpublished compilation prepared by Mobay Corp. 70 p.
41899701	Talbott, T. (1991) Product Chemistry of Morestan Technical: Lab Project Number: MCL0073-A: MCL0073-B. Unpublished study pre- pared by Mobay Corp. 28 p.
43806001	Fontaine, L. (1995) Product Chemistry of Morestan Technical: Supplement to MRID 41899701: Lab Project Number: ANR-00295: RRI:R14\95R07: PC0566. Unpublished study prepared by Bayer Corp. 10 p.

## 61-3 Discussion of Formation of Impurities

MRID	Citation Reference
87927	Mobay Chemical Corporation (19??) Manufacturing Process: (Morestan). (Unpublished study received on unknown date under unknown admin. no.; CDL:102236-A)

158833 Mobay Chemical Corp. (1986) Product Identity: Morestan. Unpublished study. 71 p.

40497206 Talbott, T. (1987) Product Chemistry of Morestan 4 Ornamental Miti- cide. Unpublished compilation prepared by Mobay Corp. 70 p.

62-1 Preliminary Analysis

MRID	Citation Reference
40497206	Talbott, T. (1987) Product Chemistry of Morestan 4 Ornamental Miti- cide. Unpublished compilation prepared by Mobay Corp. 70 p.
92137001	Talbott, T. (1990) Mobay Corporation Phase 3 Summary of MRID 00158833. Product Chemistry of Technical Morestan: Report Nos. 80015; 86078. Prepared by MOBAY CORP. 54 p.

62-2 Certification of limits

MRID	Citation Reference
93693	Slahck, S.C. (1981) The Composition of Technical ^{(R)}IMorestan: Report No. 80015. (Unpublished study received Jan 15, 1982 under 0F2280; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:070596-A)
158833	Mobay Chemical Corp. (1986) Product Identity: Morestan. Unpublished study. 71 p.
159549	Talbott, T. (1984) Maximum and Minimum Certified Limits for Morestan 25% Wettable Powder Formulation: Report No. 87428. Unpublished study prepared by Mobay Chemical Corp. 3 p.
40497206	Talbott, T. (1987) Product Chemistry of Morestan 4 Ornamental Miti- cide. Unpublished compilation prepared by Mobay Corp. 70 p.

62-3 Analytical Method

MRID	Citation Reference
158833	Mobay Chemical Corp. (1986) Product Identity: Morestan. Unpublished study. 71 p.
40497206	Talbott, T. (1987) Product Chemistry of Morestan 4 Ornamental Miti- cide. Unpublished compilation prepared by Mobay Corp. 70 p.

63-0 Reports of Multiple phys/chem Characteristics

MRID	Citation Reference
42993	Chemagro Corporation (1968) Bay 58733 Acaricide: For Experimental Use Only. Kansas City, Mo.: Chemagro. (Also~In~unpublished submission received Aug 9, 1968 under unknown admin. no.; CDL: 107435-A)
79691	Chemagro Corporation (1968) Morestan^{(R)}I Acaricide-insecticide- fungicide. Kansas City, Mo.: Chemagro.

(Jan.; also~In~unpub- lished submission received on unknown date under unknown admin. no.; CDL:102233-A)

103462 Chemagro Corp. (1965) Morestan: Acaricide-Insecticide-Fungicide. Kansas City, MO: Chemagro. (Jan; also In unpublished submission received May 20, 1976 under 6E1793; submitted by Interregional Research Project No. 4, New Brunswick, NJ; CDL:097577-A)

103479 Chemagro Corp. (1964) Morestan (Bayer 36205) Acaricide-Insecticide- Fungicide. Kansas City, MO: Chemagro. (Jan; also In unpub- lished submission received Jul 22, 1965 under unknown admin. no.; submitted by Mobay Chemical Corp., Kansas City, MO; CDL: 130075-A)

158833 Mobay Chemical Corp. (1986) Product Identity: Morestan. Unpub- lished study. 71 p.

159551 Barnett, H.; Burns, K. (1985) Morestan 25 WP Physical and Chemical Properties: Report No. 88842. Unpublished study prepared by Mobay Chemical Corp. 3 p.

40497206 Talbott, T. (1987) Product Chemistry of Morestan 4 Ornamental Miti- cide. Unpublished compilation prepared by Mobay Corp. 70 p.

41607508 Talbott, T. (1990) Supplement 1: Product Chemistry of Morestan Technical: Lab Project Number: 91325: 91372: 94660. Unpublished study prepared by Mobay Corp. 25 p.

92137002 Talbott, T. (1990) Mobay Corporation Phase 3 Summary of MRID 00158833. Product Chemistry of Technical Morestan: Report Nos. 86160; 86072; 88707. Prepared by MOBAY CORP. 8 p.

**63-11 Oct/Water partition Coef.**

MRID	Citation Reference
151046	Bentz (1983) Morestan: Partition Coefficient in n-Octanol/Water: Bayer No. 84-T-153: Mobay No. 86072. Unpublished study prepar- ed by Bayer AG. 4 p.
41607508	Talbott, T. (1990) Supplement 1: Product Chemistry of Morestan Technical: Lab Project Number: 91325: 91372: 94660. Unpublished study prepared by Mobay Corp. 25 p.

**63-17 Storage stability**

MRID	Citation Reference
158833	Mobay Chemical Corp. (1986) Product Identity: Morestan. Unpub- lished study. 71 p.
159551	Barnett, H.; Burns, K. (1985) Morestan 25 WP Physical and Chemical Properties: Report No. 88842. Unpublished study prepared by Mobay Chemical Corp. 3 p.
159552	McGreevy, J.; Shafer, J.; Synek, J. (1976) Evaluation of Morestan 25% Wettable Powder PVA Packets in a Spray Rig at 20X and 40X Concentrations: Report No. 36513. Unpublished study prepared by Mobay Chemical Corp. 5 p.
159553	McGreevy, J.; Swan, J. (1976) Stability of Morestan 25% Wettable Powder in Water Soluble PVA Packets: Report No. 48437. Unpub- lished study prepared by Mobay Chemical Corp. 4 p.
40497206	Talbott, T. (1987) Product Chemistry of Morestan 4 Ornamental Miti- cide. Unpublished compilation prepared by Mobay Corp. 70 p.
40829301	Talbott, T. (1988) Product Chemistry of Morestan 4 Ornamental Miti- cide: Project No. 94894. Unpublished study prepared by Mobay Corp. 17 p.

41607508 Talbott, T. (1990) Supplement 1: Product Chemistry of Morestan Technical: Lab Project Number: 91325: 91372: 94660. Unpublished study prepared by Mobay Corp. 25 p.

71-1 Avian Single Dose Oral Toxicity

MRID	Citation Reference
57752	Schafer, E.W., Jr. (1973) Letter sent to Walter M. Zeck dated Dec 27, 1973 ?Data on avian test results : Report No. 41064. (U.S. Fish and Wildlife Service, Denver Wildlife Research Center, Sec- tion of Bird Damage Control, unpublished study; CDL:224691-AE)
77869	DeCino, T.J. (1963) Letter sent to Don Denning dated Oct 22, 1963 ?Toxicity and repellency tests on several Bayer compounds : Mobay Report No. 13916a. (U.S. Fish and Wildlife Service, Wild- life Research Center; unpublished study; CDL:120480-Q)
103478	Cunningham; DeCino (1963) Bird Toxicant Study Results: 13916. (Unpublished study received Jun 3, 1974 under unknown admin. no., submitted by Mobay Chemical Corp., Kansas City, MO; CDL: 128287-A)
122260	U.S. Fish and Wildlife Service, Denver Wildlife Research Center (1973) ?Bird Toxicity Study with Dylox & Other Chemicals : ?Sub- mitter  41064. (Unpublished study received Jun 2, 1975 under 2F1244; submitted by Mobay Chemical Corp., Kansas City, MO; CDL: 094546-B)
152614	Carlisle, J.; Carsel, M. (1982) Acute Oral LD50 of Technical Oxythioquinox to Bobwhite Quail: Study No. 82-015-01: 80750. Unpublished study prepared by Mobay Chemical Corp. 6 p.
152615	Lamb, D. (1981) Acute Dietary LC50 of Technical Oxythioquinox (Morestan) to Mallard Ducks: Study No. 80/175/08: 69610. Unpub- lished study prepared by Mobay Chemical Corp. 10 p.
152621	Nelson, D. (1978) Acute Oral Toxicity of Morestan 25% Wettable Powder to Rats: Report No. 66657. Unpublished study prepared by Mobay Chemical Corp., Chemagro Agricultural Div. 5 p.
152628	Decino, T. (1963) Letter sent to D. Denning dated Oct 22, 1963: [Bayer compounds toxicity and repellency tests]. Prepared by US Dept. of the Interior, Fish and Wildlife Svc. 12 p.
153485	Lamb, D. (1981) Acute Dietary LC50 of Technical Oxythioquinox (Morestan) to Bobwhite Quail: Study No. 80-175-07: 69842. Unpublished study prepared by Mobay Chemical Corp. 9 p.
92137003	Toll, P. (1990) Mobay Corporation Phase 3 Summary of MRID 00152614. Oxythioquinox (Morestan) - Acute Oral Toxicity to Bobwhite: Study No. 82-015-01; Report No. 80750-S. Prepared by MOBAY CORP. 12 p.

71-2 Avian Dietary Toxicity

MRID	Citation Reference
42837501	Hancock, G. (1993) Study Upgrade: Acute Dietary LC50 of Technical Oxythioquinox (Morestan) to Bobwhite Quail: Lab Project Number: 80-175-07. Unpublished study prepared by Miles Inc. Agriculture Division. 7 p.
92137004	Toll, P. (1990) Mobay Corporation Phase 3 Summary of MRID 00153485. Oxythioquinox (Morestan) - Subactive Dietary Toxicity to Bobwhite Quail: Study no. 80-175-07; Report No. 69842-1. Prepared by MOBAY CORPORATION. 11 p.
92137005	Toll, P. (1990) Mobay Corporation Phase 3 Summary of MRID 00152615. Oxythioquinox (Morestan) -

Subacute Dietary Toxicity to Mallard Ducks: Study No. 80-175-08; Report No. 69610-1. Prepared by MOBAY CORPORATION. 11 p.

71-3 Wild mammal toxicity

MRID	Citation Reference
60626	Chemagro Corporation (1963) ?Toxicity Study with Peromyscus : Re- port No. 12322. (Reports by U.S. Fish and Wildlife Service, Denver Wildlife Research Center; unpublished study; CDL: 092011-G)

71-4 Avian Reproduction

MRID	Citation Reference
42020501	Pedersen, C. (1991) Effects of Morestan Technical on Mallard Duck Reproduction: Lab Project Number: MR740801: 101338. Unpublished study prepared by Bio-Life Associates, Ltd. 138 p.
42142501	Schmuck, R. (1991) Technical Chinomethionat: A One Generation Reproduction Study with Bobwhite Quail: Lab Project Number: E 2980413-7: 101979. Unpublished study prepared by Bayer AG. 124 p.
42684701	Pedersen, C.; Lesar, C. (1993) Effects of Oxythioquinox (Morestan) Technical on Mallard Duck Reproduction: Lab Project Number: MR740802: 101-002-08: 103844. Unpublished study prepared by Bio-Life Associates, Ltd. 170 p.

72-1 Acute Toxicity to Freshwater Fish

MRID	Citation Reference
58507	Walker, C.R. (1963) Conditions of Reporting Results of Chemical Screening: Report No. 12947. (U.S. Fish and Wildlife Service, Fish Control Laboratory; unpublished study; CDL:093228-L)
63387	Howell, J.H. (1963) Letter sent to Lewis F. Stevens dated Jan 4, 1963 ?Chemicals related to Bayer 73 : Report No. 11144. (U.S. Fish and Wildlife Service, Bureau of Commercial Fisheries, Ham- mond Bay Biological Station; unpublished study; CDL:130685-H)
112135	Cope, O. (1965) Letter sent to W. Hazeltine dated Jul 23, 1965 (Summary of toxicity findings against rainbow and bluegill). (Mobay 16790; U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Fish-Pesticide Research Laboratory; unpublished study; CDL:131549-H)
152616	Lamb, D.; Roney, D. (1974) Acute Toxicity of Morestan Technical to Fish: Report No. 41620. Unpublished study prepared by Chemagro Division of Baychem Corp. 5 p.
152617	Hermann, K. (1977) Fish Toxicity Test [Using Morestan]: Report No. FF-38: 80-T-194. Unpublished study prepared by Bayer AG. 3 p.
152618	Hermann, K. (1978) Fish Toxicity Test [Using Ss 2074 (Morestan)]: Report No. FO-149: 80-T-192. Unpublished study prepared by Bayer AG. 3 p.
152619	Hermann, K. (1978) Fish Toxicity Test [Using Morestan]: Report No. FO-155: 80-T-193. Unpublished study prepared by Bayer AG. 3 p.
152632	Lamb, D.; Roney, D. (1974) Acute Toxicity of Morestan Technical to Fish: Report No. 41620. Unpublished

study prepared by Chemagro Div. of Baychem Corp. 5 p.

152634 Hermann, K. (1977) Fish Toxicity Test [Using Morestan]: Report No. FF-38: 80-T-194. Unpublished study prepared by Bayer AG. 3 p.

152635 Hermann, K. (1978) Fish Toxicity Test [Using Ss 2074 (Active Ingredient of Morestan)]: Report No. FO-149: 80-T-192. Unpublished study prepared by Bayer AG. 3 p.

152636 Hermann, K. (1978) Fish Toxicity Test [Using Morestan]: Report No. Report No. FO-155: 80-T-193. Unpublished study prepared by Bayer AG. 3 p.

41899702 Gagliano, G. (1991) Acute Toxicity of Morestan Technical to the Bluegill (*Lepomis macrochirus*) under Flow-through Conditions: Lab Project Number: MR810301: 101228. Unpublished study prepared by Mobay Corp. 39 p.

41899703 Gagliano, G. (1991) Acute Toxicity of Morestan Technical to the Rainbow Trout (*Oncorhynchus mykiss*) under Flow-through Conditions: Lab Project Number: MR812201: 101229. Unpublished study prepared by Mobay Corp. 39 p.

**72-2 Acute Toxicity to Freshwater Invertebrates**

MRID	Citation Reference
41395801	Heimbach, F. (1983) Acute Toxicity of Morestan Technical (Chino- methionat) to Waterfleas ( <i>Daphnia magna</i> ): Mobay Report No. 99785; Report HB/DM 23. Unpublished study prepared by Bayer AG, Agrochemicals Div., Institute for Environmental Biology. 13 p.

**72-3 Acute Toxicity to Estuarine/Marine Organisms**

MRID	Citation Reference
41607509	Ward, G. (1990) Morestan Technical: Acute Toxicity to the Mysid, <i>Mysidopsis bahia</i> , under Flow-through Conditions: Lab Project Number: J900400: 100225. Unpublished study prepared by Mobay Corp. 40 p.
41607510	Ward, G. (1990) Morestan Technical: Acute Toxicity to Sheepshead Minnow, <i>Cyprinodon variegatus</i> , under Flow-through Conditions: Lab Project Number: J9004007B: 100226. Unpublished study prepared by Mobay Corp. 40 p.
41825501	Scott Ward, G. (1990) Morestan Technical: Acute Effect on New Shell Growth of, the Eastern Oyster, <i>Crassostrea virginica</i> , Under Flow-through Conditions: Lab Project No. J9004007C; 100365. Unpublished study prepared by Mobay Corp. 39 p.

**72-4 Fish Early Life Stage/Aquatic Invertebrate Life Cycle Study**

MRID	Citation Reference
32314	Walker, C.R. (1963) ?Toxicity of Various Chemicals to Fish : Report No. 12947. (U.S. Fish and Wildlife Service, Fish Control Laboratory, unpublished study; CDL:132105-I)
49249	Walker, C.R. (1963) ?Fish Toxicity Study--Rainbow Trout, Goldfish, Black Bullhead, Bluegill : Report No. 12947. (U.S. Fish and Wildlife Service, Fish Control Laboratory, unpublished study; CDL:224114-D)



51525 Howell, J.H. (1963) Letter sent to Lewis F. Stevens dated Jan 4, 1963 ?Toxicity of chemicals to fish and larvae|: Report No. 11144. (U.S. Fish and Wildlife Service, Bureau of Commer- cial Fisheries, Hammond Bay Biological Station, unpublished study; CDL:224114-B)

51526 Walker, C.R. (1963) Letter sent to Lewis F. Stevens dated Apr 24, 1963 ?Screening results on various compounds|: Report No. 11401. U.S. Fish and Wildlife Service, unpublished study; CDL:224114-C)

51527 Marking, L.L. (1965) Letter sent to Mitchell J. Wrich dated Dec 14, 1965 ?Fish Toxicity Study--Rainbow Trout, Goldfish, Black Bull- head, Bluegill|: Report No. 17363. (U.S. Fish and Wildlife Service, Fish Control Laboratory, unpublished study; CDL: 224114-H)

41607511 Heimbach, F. (1990) Influence of Chinomethionate (Tech.) on the Reproduction Rate of Water Fleas: Lab Project Number: HBF/RDM24: E 321 0337-9: 100228. Unpublished study prepared by Mobay Corp. 43 p.

41866601 Heimbach, F. (1990) Influence of Chinomethionat (Technical) on the Reproduction Rate of Water Fleas Under Flow-Through Conditions: Lab Project Number: HBF/RDM 33: 100368. Unpublished study prepared by Bayer AG. 62 p.

41910901 Rhodes, J.; Stuerman, L. (1991) Early Life-Stage Toxicity of Mores- tan Technical to the Rainbow Trout (Oncorhynchus mykiss) Under Flow-Through Conditions: Lab Project Number: 39021: 101296. Un- published study prepared by ABC Laboratories, Inc. 83 p.

72-6 Aquatic org. accumulation

MRID	Citation Reference
41899704	Grau, R. (1990) Oxythioquinox Bioconcentration in Fish: Lab Project Number: BF-005: E28800382-1: 101233. Unpublished study prepared by Mobay Corp. 48 p.

81-1 Acute oral toxicity in rats

MRID	Citation Reference
76353	Toxikologisches und Gewerbehygienisches Laboratorium (1959) Letter sent to Dr. Doeckel dated Sep 9, 1959: Compound Dr. Sasse SS 2074 (Bayer 36205) (ht. no. 2172): Report No. 7878. (Transla- tion; unpublished study received Jan 29, 1963 under 3125-117; prepared by Farbenfabriken Bayer AG, West Germany, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:102237-B)
76354	DuBois, K.P. (1961) Intraperitoneal and Oral Toxicity of Bayer 36205 to Rats: Report No. 8032. (Unpublished study received Jan 29, 1963 under 3125-117; prepared by Univ. of Chicago, Dept. of Pharmacology, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:102237-C)
76357	DuBois, K.P. (1962) The Acute Toxicity of Bayer 36205 to Mice, Guinea Pigs and Rats: Report No. 8764. (Unpublished study re- ceived Jan 29, 1963 under 3125-117; prepared by Univ. of Chica- go, Dept. of Pharmacology, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:102237-F)
76363	DuBois, K.P.; Kinoshita, F. (1963) The Acute Toxicity of Recrystal- lized Morestan (Bayer 36205) to Rats: Report No. 11615. (Un- published study received Apr 18, 1966 under unknown admin. no.; prepared by Univ. of Chicago, Dept. of Pharmacology, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:102235-D)
76364	DuBois, K.P. (1964) The Acute Toxicity of a Wettable Powder of Morestan to Rats: Report No. 13870. (Unpublished study received Apr 18, 1966 under unknown admin. no.; prepared by Univ. of Chicago, Dept. of Pharmacology, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:102235-E)

83514 Nelson, D.L.; Euell, R.M.; Burke, M.A. (1978) Acute Oral Toxicity of (R)Morestan 25% Wettable Powder to Rats: Report No. 66657. (Unpublished study received Oct 12, 1979 under 3125-117; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:099043-L)

103399 DuBois, K. (1961) Intraperitoneal and Oral Toxicity of Bayer 36205 to Rats: ?Submitter| 8032. (Unpublished study received Jan 29, 1963 under 3125-117; prepared by Univ. of Chicago, Dept. of Pharmacology, submitted by Mobay Chemical Corp., Kansas City, MO; CDL:006009-F)

103402 DuBois, K.; Raymund, A. (1962) The Acute Toxicity of Bayer 36205 to Mice, Guinea Pigs and Rats: ?Submitter| 8764. (Unpublished study received Jan 29, 1963 under 3125-117; prepared by Univ. of Chicago, Dept. of Pharmacology, submitted by Mobay Chemical Corp., Kansas City, MO; CDL:006009-I)

103434 DuBois, K. (1964) The Acute Toxicity of a Wettable Powder of Morestan to Rats: ?Submitter| 13870. (Unpublished study received Jun 15, 1969 under 9F0818; prepared by Univ. of Chicago, Dept. of Pharmacology, submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091417-M)

103446 Sherman, M.; Herrick, R.; Ross, E.; et al. (1967) Further studies on the acute and subacute toxicity of insecticides to chicks. Toxicology and Applied Pharmacology 11(1):49-67. (Submitter 21704; also In unpublished submission received Jun 15, 1969 under 9F0818; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091417-AB)

152620 Groning, P.; Kimmerle, G. (1974) Morestan 25 W.P., Evaluation of the Acute Oral, Dermal and Acute Inhalation Toxicity and Skin and Mucous Membrane Tolerance: Report No. 5068. Unpublished study prepared by Bayer AG. 9 p.

40497201 Eigenberg, D. (1987) Acute Oral Toxicity of Morestan 4 Flowable in Albino Rats: Study No. 87-011-04. Unpublished study prepared by Mobay Corp. 23 p.

42002201 Sheets, L.; Phillips, S. (1991) Acute Oral Toxicity Study with Technical Grade Morestan in Rats: Lab Project Number: 90-012-FT. Unpublished study prepared by Mobay Corp. 20 p.

81-2 Acute dermal toxicity in rabbits or rats

MRID	Citation Reference
76353	Toxikologisches und Gewerbehygienisches Laboratorium (1959) Letter sent to Dr. Doeckel dated Sep 9, 1959: Compound Dr. Sasse SS 2074 (Bayer 36205) (ht. no. 2172): Report No. 7878. (Translation; unpublished study received Jan 29, 1963 under 3125-117; prepared by Farbenfabriken Bayer AG, West Germany, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:102237-B)
76364	DuBois, K.P. (1964) The Acute Toxicity of a Wettable Powder of Morestan to Rats: Report No. 13870. (Unpublished study received Apr 18, 1966 under unknown admin. no.; prepared by Univ. of Chicago, Dept. of Pharmacology, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:102235-E)
83513	Nelson, D.L.; Burke, M.A.; Euell, R.M. (1978) Acute Dermal Toxicity of (R)Morestan 25% Wettable Powder to Rabbits: Report No. 66603. (Unpublished study received Oct 12, 1979 under 3125- 117; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL: 099043-K)
103434	DuBois, K. (1964) The Acute Toxicity of a Wettable Powder of Morestan to Rats: ?Submitter  13870. (Unpublished study received Jun 15, 1969 under 9F0818; prepared by Univ. of Chicago, Dept. of Pharmacology, submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091417-M)
152620	Groning, P.; Kimmerle, G. (1974) Morestan 25 W.P., Evaluation of the Acute Oral, Dermal and Acute Inhalation Toxicity and Skin and Mucous Membrane Tolerance: Report No. 5068. Unpublished study prepared by Bayer AG. 9 p.
152622	Nelson, D. (1978) Acute Dermal Toxicity of Morestan 25% Wettable Powder to Rabbits: Report No. 66603.



Unpublished study prepared by Mobay Chemical Corp., Chemagro Agricultural Div. 4 p.

40497202 Eigenberg, D. (1987) Acute Dermal Toxicity of Morestan 4 Flowable in Albino Rabbits: Study No. 87-023-03. Unpublished study prepared by Mobay Corp. 20 p.

41698001 Diesing, L. (1990) SAS 2074: Study of the Acute Dermal Toxicity to Rats: Lab Project Number: 100286: 18783: T 9030358. Unpublished study prepared by Bayer AG. 32 p.

81-3 Acute inhalation toxicity in rats

MRID	Citation Reference
76353	Toxikologisches und Gewerbehygienisches Laboratorium (1959) Letter sent to Dr. Doeckel dated Sep 9, 1959: Compound Dr. Sasse SS 2074 (Bayer 36205) (ht. no. 2172): Report No. 7878. (Translation; unpublished study received Jan 29, 1963 under 3125-117; prepared by Farbenfabriken Bayer AG, West Germany, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:102237-B)
83507	Crawford, C.R.; Nelson, D.L.; Anderson, R.A. (1970) The Acute Inhalation Toxicity of Morestan Technical(R) and Captan-Morestan(R) 50%--6.25% Wetttable Powder to Rats: Report No. 28135. (Unpublished study received Oct 12, 1979 under 3125-117; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:099043-E)
83516	Nelson, D.L.; Anderson, R.H. (1978) Acute Inhalation Toxicity of (R)Morestan 25% Wetttable Powder to Rats: Report No. 66659. (Unpublished study received Oct 12, 1979 under 3125-117; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:099043-N)
103439	Kimmerle, G. (19??) Undated letter sent to Pflanzenschutz Wiss: Ss 2074 (Morestan): ?Submitter  Report No. 14136. (Translation; unpublished study received Jun 15, 1969 under 9F0818; prepared by Farbenfabriken Bayer AG, W. Ger.; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091417-U)
103440	Woodard Research Corp. (1964) Inhalation Screen: ?Bayer 36205 : ?Submitter  15128. (Unpublished study received Jun 15, 1969 under 9F0818; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091417-V)
103445	Kimmerle, G. (1967) Morestan Dust Inhalation Tests on Mice, Rats, Guinea Pigs and Rabbits: ?Submitter  21537. (Translation; unpublished study received Jun 15, 1969 under 9F0818; prepared by Farbenfabriken Bayer AG, W. Ger., submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091417-AA)
152620	Groning, P.; Kimmerle, G. (1974) Morestan 25 W.P., Evaluation of the Acute Oral, Dermal and Acute Inhalation Toxicity and Skin and Mucous Membrane Tolerance: Report No. 5068. Unpublished study prepared by Bayer AG. 9 p.
40497203	Shiotsuka, R. (1987) Acute 4-Hour Inhalation Toxicity Study with Morestan 4 Flowable in Rats: Study No. 87-041-16. Unpublished study prepared by Mobay Corp. 32 p.
41607503	Pauluhn, J. (1989) SAS 2074 (C. N.: Chinomethionat): Acute Inhalation Toxicity Study According to OECD Guideline No. 403: Lab Project Number: 99669: 17612. Unpublished study prepared by Bayer Ag. 84 p.

81-4 Primary eye irritation in rabbits

MRID	Citation Reference
83506	Crawford, C.R.; Anderson, R. (1970) Eye Irritating Properties of ^{(R)}IMorestan Technical to Rabbits

Exposed to Sunlight: Report No. 27465. (Unpublished study received Oct 12, 1979 under 3125- 117; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL: 099043-D)

83510

Crawford, C.R.; Anderson, R.H.; Nelson, D.L. (1970) The Skin and Eye Irritating Properties of ^{(R)}IMorestan Technical to Rabbits: Report No. 28916. (Unpublished study received Oct 12, 1979 under 3125-117; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:099043-H)

83515

Nelson, D.L.; Burke, M.A.; Euell, R.E.; et al. (1978) Eye and Dermal Irritancy of (R)Morestan 25% Wettable Powder: Report No. 66658. (Unpublished study received Oct 12, 1979 under 3125- 117; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL: 099043-M)

103403

Nelson, D. (1970) Letter sent to W. Felsenstein dated Jul 27, 1970 ?Morestan 25% WP eye irritation study-- rabbits|. (Unpublished study received on unknown date under 3125-117; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:006009-L)

131595

Hixson, E.; Toll, P.; Spector, S. (1980) Eye and Dermal Irritancy of Technical Oxythioquinox (Morestan) to Rabbits: Study No. 79DIL06 and 80-004-02; Report No. 68620-84. (Unpublished study received Oct 3, 1983 under 3125-117; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:251480-B)

152620

Groning, P.; Kimmerle, G. (1974) Morestan 25 W.P., Evaluation of the Acute Oral, Dermal and Acute Inhalation Toxicity and Skin and Mucous Membrane Tolerance: Report No. 5068. Unpublished study prepared by Bayer AG. 9 p.

40497204

Eigenberg, D. (1987) Primary Eye Irritation of Morestan 4 Flowable in Albino Rabbits: Study No. 87-333-02. Unpublished study pre- pared by Mobay Corp. 18 p.

41607502

Maertins, T. (1989) Morestan SAS 2074: Study of the Irritant and Corrosive Effect on the Skin and Eyes (Rabbits) in accordance with OECD Guidelines No. 404 and No. 405: Lab Project Number: 99170: 89-T-037: 17543. Unpublished study prepared by Bayer Ag. 28 p.

44141604

Zorbas, M. (1994) Primary Eye Irritation Study with Morestan Technical in Rabbits: Lab Project Number: 94-335-BN: 106818. Unpublished study prepared by Miles, Inc. 17 p.

81-5 Primary dermal irritation

MRID	Citation Reference
83510	Crawford, C.R.; Anderson, R.H.; Nelson, D.L. (1970) The Skin and Eye Irritating Properties of ^{(R)}IMorestan Technical to Rabbits: Report No. 28916. (Unpublished study received Oct 12, 1979 under 3125-117; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:099043-H)
83515	Nelson, D.L.; Burke, M.A.; Euell, R.E.; et al. (1978) Eye and Dermal Irritancy of (R)Morestan 25% Wettable Powder: Report No. 66658. (Unpublished study received Oct 12, 1979 under 3125- 117; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL: 099043-M)
131595	Hixson, E.; Toll, P.; Spector, S. (1980) Eye and Dermal Irritancy of Technical Oxythioquinox (Morestan) to Rabbits: Study No. 79DIL06 and 80-004-02; Report No. 68620-84. (Unpublished study received Oct 3, 1983 under 3125-117; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:251480-B)
152620	Groning, P.; Kimmerle, G. (1974) Morestan 25 W.P., Evaluation of the Acute Oral, Dermal and Acute Inhalation Toxicity and Skin and Mucous Membrane Tolerance: Report No. 5068. Unpublished study prepared by Bayer AG. 9 p.
40497205	Eigenberg, D. (1987) Primary Dermal Irritation of Morestan 4 Flow- able in Albino Rabbits: Study No. 87- 323-03. Unpublished study prepared by Mobay Corp. 17 p.
41607502	Maertins, T. (1989) Morestan SAS 2074: Study of the Irritant and Corrosive Effect on the Skin and Eyes (Rabbits) in accordance with OECD Guidelines No. 404 and No. 405: Lab Project Number: 99170: 89-T-037:

17543. Unpublished study prepared by Bayer Ag. 28 p.

81-6     **Dermal sensitization**

MRID	Citation Reference
76356	Dilley, J.; Doull, J. (1962) The Dermal Sensitivity of Bayer 36205 to Guinea Pigs: Report No. 8641. (Unpublished study received Jan 29, 1963 under 3125-117; prepared by Univ. of Chicago, Dept. of Pharmacology, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:102237-E)
103400	Rostenberg, A. (1962?) Report on Sensitization Studies with Bayer 36205: ?Submitter  8637. (Unpublished study received Jan 29, 1963 under 3125-114; prepared by Rostenberg Research Assoc., submitted by Mobay Chemical Corp., Kansas City, MO; CDL: 006009-G)
103401	Dilley, J.; Doull, J. (1962) The Dermal Sensitivity of Bayer 36205 to Guinea Pigs: ?Submitter  8641. (Unpublished study received Jan 29, 1963 under 3125-117; prepared by Univ. of Chicago, Dept. of Pharmacology, submitted by Mobay Chemical Corp., Kansas City, MO; CDL:006009-H)
41607504	Diesing, L. (1989) SAS 2074 Technical: Study of Skin Sensitization Effect on Guinea Pigs (Buehler Test): Lab Project Number: 100049: 90-T-003: 18351. Unpublished study prepared by Bayer Ag. 42 p.

82-1     **Subchronic Oral Toxicity: 90-Day Study**

MRID	Citation Reference
76353	Toxikologisches und Gewerbehygienisches Laboratorium (1959) Letter sent to Dr. Doeckel dated Sep 9, 1959: Compound Dr. Sasse SS 2074 (Bayer 36205) (ht. no. 2172): Report No. 7878. (Translation; unpublished study received Jan 29, 1963 under 3125-117; prepared by Farbenfabriken Bayer AG, West Germany, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:102237-B)
76361	Vesselinovitch, D.; Doull, J. (1963) Histopathologic Findings in the Liver and Kidney of Rats Fed Diets Containing 50 ppm of Bayer 36205 for 16 Weeks: Report No. 10628. (Unpublished study received Apr 18, 1966 under unknown admin. no.; prepared by Univ. of Chicago, Depts. of Pathology and Pharmacology, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:102235-B)
83509	Farbenfabriken Bayer AG (1964) Report on Studies with Morestan for Toxic Effects on Liver: ?Submitter  28572. (Unpublished study received Oct 12, 1979 under 3125-117; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:099043-G)
103398	Tigner, J.; Spencer, D. (1960) Laboratory Bioassay Record: ?Chemical 36205 (25% W.P.): Test No. A-225; 6157A. (U.S. Fish and Wildlife Service, Denver Wildlife Research Center, Wildlife Research Laboratory; unpublished study; CDL:006009-D)
103437	Kimmerle; Hecht (1963) Four-month Feeding Test with Rats--Active Ingredient Ss 2074--(Bayer 33205): ?Submitter  10808. (Translation; unpublished study received Jun 15, 1969 under 9F0818; prepared by Farbenfabriken AG, W. Ger., submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091417-R)
103446	Sherman, M.; Herrick, R.; Ross, E.; et al. (1967) Further studies on the acute and subacute toxicity of insecticides to chicks. Toxicology and Applied Pharmacology 11(1):49-67. (Submitter 21704; also In unpublished submission received Jun 15, 1969 under 9F0818; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091417-AB)
103448	Carlson, G.; DuBois, K. (1968) Effects of Feeding Various Dietary Levels of Morestan to Male Rats for 90 Days: ?Submitter  23242. (Unpublished study received Jun 15, 1969 under 9F0818; prepared by Univ. of

Chicago, Toxicity Laboratory, submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091417-AD)

103475 Spencer, D. (1963) Morestan--Subacute Toxicity: Report No. 6157a. (U.S. Fish and Wildlife Service, Denver Wildlife Research Cen- ter; unpublished study; CDL:106628-A)

152623 Krotlinger; Kaliner (1983) Ss 2074 (Chinomethionat (sic), Morestan Active Ingredient) Subchronic Study of Toxicity to Rats (Feeding Study over Three Months): Report No. 12313. Unpublished study prepared by Bayer AG. 31 p.

**82-2      21-day dermal-rabbit/rat**

MRID	Citation Reference
42174101	Diesing, L.; Dreist, M. (1991) SAS 2074 Techn. (Chinomethionat) : Subacute Dermal Toxicity Study on Rats: Lab Project Number: 20912. Unpublished study prepared by Bayer AG. 263 p.

**82-3      90-day dermal-rodent**

MRID	Citation Reference
73862	DuBois, K.P.; Vesselinovitch, D.; Meskauskas, J.; et al. (1965) The Subacute Dermal Toxicity of a Morestan Formulation to Rats: Report No. 16423. (Unpublished study received Apr 18, 1966 under unknown admin. no.; prepared by Univ. of Chicago, Depts. of Pharmacology and Pathology, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:102235-F)
73863	Vesselinovitch, D.; Meskauskas, J.; Root, M.; et al. (1965) The Subacute Dermal Toxicity of a Morestan Formulation to Rats (Second Evaluation): Report No. 17064. (Unpublished study re- ceived Apr 18, 1966 under unknown admin. no.; prepared by Univ. of Chicago, Depts. of Pharmacology and Pathology, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:102235-G)
73864	Vesselinovitch, D.; DiGiacomo, R.; DuBois, K.P. (1965) Subacute Dermal Toxicity of Various Doses of Morestan to Rats: Report No. 17065. (Unpublished study received Apr 18, 1966 under un- known admin. no.; prepared by Univ. of Chicago, Toxicity Labora- tory, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL: 102235-H)
73865	DuBois, K.P.; DiGiacomo, R.; Vesselinovitch, D.; et al. (1965) Effects of Dermal Application of Various Doses of Morestan to Rats for Periods of Six and Twelve Weeks: Report No. 17839. (Unpublished study received Apr 18, 1966 under unknown admin. no.; prepared by Univ. of Chicago, Dept. of Pathology, Toxicity Laboratory, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:102235-I)
103435	DuBois, K.; Vesselinovitch, D.; Meskauskas, J.; et al. (1965) The Subacute Dermal Toxicity of a Morestan Formulation to Rats: ?Submitter  16423. (Unpublished study received Jun 15, 1969 under 9F0818; prepared by Univ. of Chicago, Depts. of Pharma- cology and Pathology, submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091417-N)
103436	Vesselinovitch, D.; Meskauskas, J.; Root, M.; et al. (1965?) The Subacute Dermal Toxicity of a Morestan Formulation to Rats (Second Evaluation): ?Submitter  17064. (Unpublished study re- ceived Jun 15, 1969 under 9F0818; prepared by Univ. of Chicago, Depts. of Pharmacology and Pathology, submitted by Mobay Chem- ical Corp., Kansas City, MO; CDL:091417-O)

**82-5      Subchronic Neurotoxicity: 90-Day Study**

MRID	Citation Reference
103438	Kimmerle, G. (1963) Letter sent to Pflanzenschutz Wissenschaft dated Aug 29, 1963: Concerning: active ingredient Ss 2074 (Morestan--Bay 36205): ?Submitter  12161. (Unpublished study received Jun 15, 1969 under 9F0818; prepared by Farbenfabriken Bayer AG, W. Ger., submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091417-S)

83-1 Chronic Toxicity

MRID	Citation Reference
83505	Krauce, G. (1968) Bay 36205: Studies of Chronic Toxicity to Rats: 21884. (Unpublished study received Oct 12, 1979 under 3125-117; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL: 099043-B)
83512	Loser, E.; Lorke, D. (1971) Bay 36 205: Chronic Toxicological Studies on Rats: (Two-year Feeding Experiment): Report No. 3684; 35077. (Unpublished study received Oct 12, 1979 under 3125-117; prepared by Farbenfabriken Bayer AG, West Germany, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:099043-J)
103441	Doull, J.; DiGiacomo, R.; Root, M.; et al. (1966) Chronic Oral Toxicity of Morestan (Bayer 36205) to Male and Female Dogs: ?Submitter  18290. (Unpublished study received Jun 15, 1969 under 9F0818; prepared by Univ. of Chicago, Toxicity Laboratory, submitted by Mobay Chemical Corp., Kansas City, MO; CDL: 091417-W)
103443	Farbenfabriken Bayer AG (1966) Bay 36205 Studies of Chronic Tox- icity to Rats: ?Submitter  18795. (Translation; unpublished study received Jun 15, 1969 under 9F0818; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091417-Y)
131596	Hayes, R.; Lamb, D.; Clayton, V.; et al. (1983) Chronic Dietary Toxicity of Oxythioquinox (Morestan) to Dogs: Study No. 80-174- 02. (Unpublished study received Oct 3, 1983 under 3125-117; submitted by Mobay Chemical Corp., Kansas City, MO; CDL: 251480-C)
40728401	Kroetlinger, F. (1983) SAS 2074: Carcinogenicity Study on NMRI Mice: (21-Month Administered in the Feed): Quinomethionate, the Active Ingredient of Morestan: Project ID. 96755. Unpublished study prepared by Bayer AG. 1082 p.
42338402	Hayes, R. (1983) Chronic Dietary Toxicity of Oxythioquinox (Morestan) to Dogs (Supp to MRID 00131596): Lab Project Number: 80-174-02. Unpublished study prepared by Miles, Inc. 148 p.
92137006	Christenson, W. (1990) Mobay Corporation Phase 3 Summary of MRID 00131596. Chronic Dietary Toxicity Study of Technical Grade Oxythioquinox to Dogs: Project No. 80-174-02 (Mobay Report 82654). Prepared by Mobay Corp. 14 p.

83-2 Oncogenicity

MRID	Citation Reference
83508	Steinhoff, D. (1970) Final Report on Carcinogenic Study with ^{(R)}IMorestan Active Ingredient (= Bay 36 205): Pharma Report No. 2211; 28570. (Unpublished study received Oct 12, 1979 under 3125-117; prepared by Farbenfabriken Bayer AG, West Germany, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL: 099043-F)



40728401 Kroetlinger, F. (1983) SAS 2074: Carcinogenicity Study on NMRI Mice: (21-Month Administered in the Feed): Quinomethionate, the Active Ingredient of Morestan: Project ID. 96755. Unpublished study prepared by Bayer AG. 1082 p.

40909501 Krotlinger, F. (1983) SAS 2074 (...) Carcinogenicity Study on NMRI Mice (21-month Administration in the Feed): Quinomethionate: Rept. No. 96755-1. Unpublished Mobay study 96755-1 prepared by Bayer AG. 18 p.

41894901 Kroetlinger, F.; Janda, B. (1983) SAS 2074 (Common Name: Quino- methionate the Active Ingredient of Morestan) Carcinogenicity Study on NMRI Mice (21-Month Administration in the Feed): Lab Project Number: T5010716. Unpublished study prepared by Bayer Ag. 12 p.

42008701 Kroetlinger, F. (1983) SAS 2074: Carcinogenicity Study on NMRI Mice (21-Month Administration in the Feed): Lab Project Number: T5010716. Unpublished study prepared by Bayer AG. 13 p.

42719501 Kroetlinger, F. (1993) Carcinogenicity Study on NMRI Mice: SAS 2074 (Common Name: Quinomethionate the Active Ingredient of Morestan): 21-month Administration in the Feed: Supplemental submission: Lab Project Number: T5010716: 96755-6: 86021. Unpublished study prepared by Bayer AG. 21 p.

92137007 Christenson, W. (1990) Mobay Corporation Phase 3 Summary of MRID 40728401. SAS 2074 (Oxythioquinox) Carcinogenicity Study on NMRI Mice (21- Month Administration in the Feed): Project T5010716 (Mobay Report 96755). Prepared by Bayer AG. 22 p.

83-3    **Teratogenicity -- 2 Species**

MRID	Citation Reference
83511	Lorke, D. (1970) Bay 36 205: Studies on Rats for Embryotoxic and Teratogenic Effects: ?Submitter  29036. (Unpublished study received Oct 12, 1979 under 3125-117; prepared by Farbenfabriken Bayer AG, West Germany, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:099043-I)
131597	Schluter, G.; Lorke, D. (1981) SS 2074 (Morestan Active Ingredient) Evaluation for Embryotoxic and Teratogenic Effects in Orally Dosed Rabbits: Report No. 9784. (Unpublished study received Oct 3, 1983 under 3125-117; prepared by Bayer AG, W. Ger., submitted by Mobay Chemical Corp., Kansas City, MO; CDL:251480-D)
162597	Leng, J. (1986) Teratology Study in Rats [Using Morestan]: 139-297: Mobay Report No. 93098. Unpublished study prepared by Inter- national Research and Development Corp. 73 p.
40405801	Keller, K. (1987) Teratology Study with Morestan in Rats: Study No. 139-297. Unpublished study prepared by International Research and Development Corp. 82 p.
40405802	Keller, K. (1987) Teratology Study in Rats: Project No. 139-298. Unpublished study prepared by International Research and Develo- pment Corp. 103 p.
40463301	Keller, K. (1987) Teratology Study with Morestan in Rats: IRDC Re- port No. 139-297: Supplemental Submission. Unpublished study prepared by International Research and Development Corp. 11 p.
40463302	Keller, K. (1987) Teratology Study with Morestan in Rats: IRDC Re- port No. 139-298: Supplemental Submission. Unpublished study prepared by International Research and Development Corp. 15 p.
42338401	Clemens, G.; Hartnagel, R. (1992) A Developmental Toxicity Study with Morestan Technical in Rabbits: Lab Project Number: MTD0253. Unpublished study prepared by Miles, Inc., Corp. Tox--Healthcare. 149 p.
42994001	Astroff, B. (1993) Teratology Study in Rats with Morestan: Lab Project Number: 94848/3: 139/298. Unpublished study prepared by International Research and Development Corp. 140 p.
92137008	Eigenberg, D. (1990) Mobay Corporation Phase 3 Summary of MRID 40405801 and Related MRIDs

40405802. Teratology Study with Morestan (Oxythioquinox) in Rats: Project 139-297; 139-298; Mobay Reports 93098 and 94848. Prepared by International Research & Devl. Corp. 32 p.

83-4 2-generation repro.-rat

MRID	Citation Reference
103442	Farbenfabriken Bayer AG (1966) Bay 36 205 Rat Breeding Test ?Sub- mitter  18794. (Translation; unpublished study received Jun 15, 1969 under 9F0818; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091417-X)
147877	Eiben, R. (1984) Two Generation Study with Rats [with SS 2074]: Report No. 12794. Unpublished report prepared by Bayer Ag 251 p.
92137009	Eigenberg, D. (1990) Mobay Corporation Phase 3 Summary of MRID 00147877. SS 2074 (Oxythioquinox) Two-generation Study with Rats: Project T9004609; (Mobay Report 88502). Prepared by Bayer AG. 22 p.

83-5 Dietary: Combined Chronic Toxicity/Oncogenicity Studies

MRID	Citation Reference
42948601	Christenson, W.; Wahle, B. (1993) Technical Grade Oxythioquinox (MORESTAN): A Combined Chronic Toxicity/Oncogenicity Feeding Study in the Fischer 344 Rat: Lab Project Number: 90-272-EJ. Unpublished study prepared by Miles Inc., Agricultural Division, Toxicology. 5028 p.

84-2 Interaction with Gonadal DNA

MRID	Citation Reference
131598	Herbold, B.; Lorke, D. (1980) SS 2074: Dominant Lethal Test on the Male Mouse To Evaluate for Mutagenic Effect: Study No. 2074/001. (Unpublished study received Oct 3, 1983 under 3125-117; prepared by Bayer AG, W. Ger., submitted by Mobay Chemical Corp., Kansas City, MO; CDL:251480-E)
131599	Herbold, B.; Lorke, D. (1982) SS 2074: Chinomethionate (ISO); Oxy- thioquinox (BSI); Morestan Active Ingredient: Micronucleus Test on the Mouse To Evaluate for Mutagenic Effect: Report No. 10616. (Unpublished study received Oct 3, 1983 under 3125-117; prepared by Bayer AG, W. Ger., submitted by Mobay Chemical Corp., Kansas City, MO; CDL:251480-F)
158834	Oesch, F. (1977) Ames Test for Morestan (Chinomethionat). Unpub- lished Mobay Report No. 89029. 8 p.
158835	Shirasu, Y.; Moriya, M.; Miyazawa, T. (1979) Chinomethionat (Morestan): Mutagenicity Test on Bacterial Systems. Unpublished Mobay Report 89030 prepared by the Institute of Environmental Toxicology. 7 p.
40682901	Yang, L. (1986) CHO/HGPRT Mutation Assay in the Presence and Ab- sence of Exogenous Metabolic Activation with Morestan Technical: Study No. T4284.332: Report No. 93108. Unpublished study pre- pared by Microbiological Associates, Inc. 18 p.
40833701	Curren, R. (1986) Unscheduled DNA Synthesis in Rat Primary Hepatocytes: Study No. T4284.380. Unpublished Mobay Report No. 94409 prepared by Microbiological Associates, Inc. 25 p.
41251201	Putman, D.; Morris, M. (1989) Chromosome Aberrations in Chinese Hamster Ovary (CHO) Cells: Study No. T8419.337026. Unpublished study prepared by Microbiological Associates, Inc. 28 p.

41824801 Young, R. (1990) Mutagenicity Test on Morestan Technical in the CHO/HGPRT Forward Mutation Assay with Duplicate Cultures and Independent Repeat: Final Rept: Lab Project Number: 10856-0-435. Unpublished study prepared by Hazleton Laboratories America, Inc. 56 p.

92137010 Van Goethem, D. (1990) Mobay Corporation Phase 3 Summary of MRID 41251201. Chromosome Aberrations in Chinese Hamster Ovary (CHO) Cells, Morestan (Oxythioquinox) Technical: Project T8419.337026; (Mobay Report 99655). Prepared by Microbiological Associates. 9 p.

92137011 Van Goethem, D. (1990) Mobay Corporation Phase 3 Summary of MRID 40833701. Unscheduled DNA Synthesis in Rat Primary Hepatocytes with Morestan (Oxythioquinox) Technical: Project T4284.380; (Mobay Report 94409). Prepared by Microbiological Associates. 17 p.

85-1 General metabolism

MRID	Citation Reference
38439	Chemagro Corporation (1970) Reasonable Grounds in Support of the Petition: [Morestan]. (Unpublished study received Nov 18, 1970 under 1F1063; CDL:093374-H)
103423	Everett, L.; Shaw, H. (1968) A Study to Determine the Importance of Morestan-2,314C Metabolites in Apples and Oranges: Report No. 23924. (Unpublished study received Jun 11, 1969 under 9F0818; submitted by Mobay Chemical Corp., Kansas City, MO; CDL: 091412-A)
103424	Everett, L.; Waggoner, T. (1968) Morestan Metabolism in Animals: Report No. 23442. (Unpublished study received Jun 11, 1969 under 9F0818; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091413-A)
42002202	Ecker, W.; Weber, H.; Brauner, A. (1990) 14 Carbon Chinomethionat: General Metabolism Study in the Rat: Lab Project Number: M 182 0167-5: WBZ 140: ECW 76. Unpublished study prepared by Bayer AG 107 p.

86-1 Domestic animal safety

MRID	Citation Reference
76358	DuBois, K.P. (1962) The Acute Oral Toxicity of Bayer 36205 to Chickens: Report No. 10121. (Unpublished study received Jan 29, 1963 under 3125-117; prepared by Univ. of Chicago, Dept. of Pharmacology, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:102237-G)

121-1 Phytotoxicity

MRID	Citation Reference
6066	Lillie, D.T.; Dibble, J. (1971) Final Report: District Project No. FD 71-107. (Unpublished study received Apr 12, 1972 under 1F1155; prepared in cooperation with Univ. of California, submitted by Rhodia, Inc., New Brunswick, N.J.; CDL:096445-F)
6190	Lillie, D.T.; Barnes, M.M. (1965) Zolone--Walnut: Final Report No. 180465-050. (Unpublished study received Mar 8, 1974 under 359-626; prepared by Rhodia, Inc. in cooperation with Univ. of California--Riverside, Dept. of Entomology, submitted by Rhone-Poulenc, Inc., Monmouth Junction, N.J.; CDL:023337-R)

- 6236 Summers, F.M.; Price, D.W. (1967) Trials of New Acaricides for Use against Pacific, Two-Spotted and European Red Mites: Report No. PA 67-37. (Unpublished study received Mar 26, 1971 under 1F1155; prepared by Univ. of California--Davis, Agricultural Experiment Station, submitted by Rhodia, Inc., New Brunswick, N.J.; CDL:093474-C)
- 6275 Preiser, F.A.; Lienk, S.E. (1967) Final Report No. BB 67-79. (Unpublished study received Mar 26, 1971 under 1F1155; submitted by Rhodia, Inc., New Brunswick, N.J.; CDL:093474-AV)
- 6359 DeLay, D.L.; Price, D.W.; Summers, F.M. (1967) Report No. PA 67-35. (Unpublished study received May 6, 1970 under 0F0983; prepared in cooperation with Univ. of California--Davis, Agricultural Experiment Station, submitted by Rhodia, Inc., New Brunswick, N.J.; CDL:091692-B)
- 6442 Butts, R.F.; Waters, L.H. (1970) Final Report: District Project No. BB 70-44. (Unpublished study received Aug 20, 1971 under 359-620; prepared in cooperation with Hudson Valley Laboratory, submitted by Rhone-Poulenc, Inc., Monmouth Junction, N.J.; CDL: 003170-E)
- 6512 Rhodia, Incorporated (1969) Zolone EC: Walnuts. Summary of studies 092026-F through 092026-R. (Unpublished study received Feb 16, 1970 under 0F0948; CDL:092026-A)
- 6514 Rhodia, Incorporated (1969) Zolone EC: Oranges. Summary of studies 092026-AC through 092026-BB and 092026-BG. (Unpublished study received Feb 16, 1970 under 0F0948; CDL:092026-C)
- 6526 Barnes, M.M. (1965) Report No. PA 65-50. (Unpublished study received Feb 16, 1970 under 0F0948; submitted by Rhodia, Inc., New Brunswick, N.J.; CDL:092026-F)
- 6535 DeLay, D.L.; Barnes, M. (1969) Summary Report: District Project No. PA 69-31. (Unpublished study received Feb 16, 1970 under 0F0948; prepared in cooperation with Univ. of California--River side, submitted by Rhodia, Inc., New Brunswick, N.J.; CDL: 092026-R)
- 6858 Smyth, E.P.; Westigard, P. (1967) Report No. Port 67-24. (Unpublished study received Jul 5, 1968 under 8F0668; submitted by Chipman Chemical Co., Inc., Burlingame, Calif.; CDL:092027-BV)
- 6896 Asquith, D. (1965) Report No. BB-65-47. (Unpublished study received on unknown date under 7G0575; submitted by Chipman Chemical Co., Inc., Burlingame, Calif.; CDL:090736-W)
- 7069 Du Pont Company (1971) Insecticides--Apples. (Unpublished study received Mar 5, 1974 under 3F1308; CDL:092222-AN)
- 9918 Paulus, A.O.; Voth, V.; Shibuya, F.; et al. (1967) Control of strawberry powdery mildew. California Agriculture ? (?/Feb):15- 16. (Also~In~unpublished submission received on unknown date under 9288-1; submitted by Cal-Ag Enterprises, Inc., Dinuba, Calif.; CDL:014094-A)
- 15147 Hogan, W.D.; Hamlen, R.A.; Murphy, D.W.; et al. (1977) ?Orthene Use on Various Crops|. (Unpublished study received Dec 21, 1978 under 239-2427; submitted by Chevron Chemical Co., Richmond, Calif.; CDL:236631-T)
- 37276 Roeber, W.; Summers, F.; Hill, R.; et al. (1969) Pesticide Residue Study Field Report Form: Report No. 29594. (Unpublished study received Mar 16, 1971 under 1F1063; prepared in cooperation with Univ. of California--Davis and others, submitted by Chemagro Corp., Kansas City, Mo.; CDL:093374-F)
- 37277 Wolfenbarger, D.O. (1969) Pesticide Residue Study Field Report Form: Report No. 29595. (Unpublished study received Mar 16, 1971 under 1F1063; submitted by Chemagro Corp., Kansas City, Mo.; CDL:093374-G)
- 52068 Counselman, G.J.; Kincaid, L.R.; Burditt, A.K., Jr.; et al. (1963) Synopsis of Biological Performance and Phytotoxicity of Morestan on Field Crops, Citrus, Vegetable Crops, Melons, and Nut Crops. (Unpublished study received Mar 23, 1964 under 3125-117; prepared in cooperation with Clemson College, Truck Experiment Station and others, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:006916-A)
- 60626 Chemagro Corporation (1963) ?Toxicity Study with Peromyscus|. Report No. 12322. (Reports by U.S. Fish and Wildlife Service, Denver Wildlife Research Center; unpublished study; CDL: 092011-G)

103419 Mobay Chemical Corp. (1964) ?Efficacy Studies of Various Insecti- cides on Fruits and Vegetables|. (Compilation; unpublished study received Jun 18, 1965 under 3125-117; CDL:025745-A)

103453 Mobay Chemical Corp. (1968) Morestan: Biological Performance and Phytotoxicity on Cantaloupe, Grape, Honeydew Melon, and Papaya. (Compilation; unpublished study received Mar 24, 1969 under 9F0818; CDL:092096-A)

103454 Mobay Chemical Corp. (1969) ?Morestan: Efficacy on Papayas and Melons|. (Compilation; unpublished study received Sep 24, 1969 under 3125-117; CDL:092097-A)

103455 Mobay Chemical Corp. (1968) ?Efficacy of Morestan and Other Pesti- cides on Cantaloupe and Other Crops|. (Compilation; unpub- lished study received May 15, 1969 under 9F0818; CDL:092098-A)

103457 Mobay Chemical Corp. (1968) Performance Data Summary--Morestan. (Unpublished study received May 15, 1969 under 9F0818; CDL: 093136-B)

103459 Mobay Chemical Corp. (1970) Morestan Biological Performance and Phytotoxicity on Field Crops, Citrus, Vegetable Crops, Melons and Nut Crops: Addition No. 1. (Compilation; unpublished study received Nov 16, 1970 under 1F1063; CDL:094596-A)

108029 Mobay Chemical Corp. (1978) Morestan: Efficacy for Control of Mites Infesting Almonds. (Compilation; unpublished study received Aug 9, 1978 under 3125-EX-158; CDL:097377-A)

5010222 Worthing, C.R. (1969) Performance of some new insecticides against~Myzus persicae~(Sulzer) and~Tetranychus urticae~(Koch) on year-round chrysanthemums. Journal of Horticultural Science 44(3):235-246.

5015809 Gaylor, M.J. (1976) Potential Damage to Schefflera,~Brassia~ ?~actinophylla?~, by Selected Miticides. College Station, Tex.: Texas Agricultural Experiment Station. (Texas Agricultural Experiment Station progress report no. PR-3413)

122-1 Seed Germination/Seedline Emergence and Vegetable Vigor

MRID	Citation Reference
42254401	Burge, C. (1992) Tier 1 Seed Germination, Seed Emergence, and Seedling Vigor Nontarget Phytotoxicity Study Using Oxythioquinox: Lab Project Number: MR201401. Unpublished study prepared by Miles, Inc. 41 p.

123-2 Aquatic plant growth

MRID	Citation Reference
41918901	Heimbach, F. (1988) Growth Inhibition of Green Algae (Scenedesmus subspicatus) by Chinomethionat (Technical): Lab Project Number: BF/A145: 101242. Unpublished study prepared by Bayer Ag. / Leverkusen. 20 p.
42354101	Gagliano, G. (1992) Acute Toxicity of Morestan Technical to the Green Alga (Selenastrum Capricornutum): Lab Project Number: MR881601: 102609. Unpublished study prepared by Miles, Inc. 30 p.
43568401	Bowers, L. (1995) Acute Toxicity of (carbon 14)-Morestan (to) the Green Alga (Selenastrum capricornutum): Lab Project Number: 106912: MR881603. Unpublished study prepared by Miles, Inc. 33 p.
44141605	Bowers, L. (1996) Data Analysis Correction for the Effect of Morestan Technical on the Growth of



Selenastrum capricornutum: Amended Report: Lab Project Number: 106912-1: MR881603: 106912.  
Unpublished study prepared by Bayer Corp. 18 p.

142-3      **Simulated or Actual Field Testing**

MRID	Citation Reference
60627	Chemagro Corporation (1969) "Efficacy Studies on Various Crops": Report No. 12630. (Compilation; unpublished study, including published data and report nos. 15032, 15596, 18143, ..., received Mar 27, 1974 under 4F1485; CDL:092011-H)

161-1      **Hydrolysis**

MRID	Citation Reference
103429	Flint, D.; Shaw, H. (1970) Soil Runoff, Leaching, Adsorption and Water Stability Studies with Morestan: Report No. 28,365. (Unpublished study received Jun 4, 1971 under 1F1063; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091830-C)
41607512	Westphal, C.; Parker, G.; Stanley, C. (1983) Hydrolysis of "Carbon 14" Morestan in Aqueous Buffers: Lab Project Number: 68882. Unpublished study prepared by Mobay Corp. 26 p.

161-2      **Photodegradation-water**

MRID	Citation Reference
41607501	Westphal, C.; Parker, G.; Stanley, G. (1983) Photodegradation of "Carbon 14" Morestan in Aqueous Buffers: Lab Project Number: 68880. Unpublished study prepared by Mobay Corp. 28 p.

161-3      **Photodegradation-soil**

MRID	Citation Reference
41607505	Kao, L.; Reichel, L. (1989) Photolysis of Chinomethionate on Soil: Lab Project Number: MRO82102: 99772. Unpublished study prepared by Mobay Corp. 75 p.

161-4      **Photodegradation-air**

MRID	Citation Reference
37272	Gray, W.F.; Pomerantz, I.H.; Ross, R.D. (1972) UV irradiation of 6-Methyl-2,3-quinoxalinedithiol cyclic carbonate (Morestan (R)). (Without Title) 9(?/Jun):707-711. (Submitter report no. 39774; also in unpublished submission received Sep 3, 1974 under 1F1063; submitted by Chemagro Corp., Kansas City, Mo.; CDL: 093374-A)

162-1     **Aerobic soil metabolism**

MRID	Citation Reference
41607506	Minor, R.; Freeseaman, P. (1990) Fate of Chinomethionate Under Aero- bic and Anaerobic Soil Conditions: Lab Project Number: MRO42101: 99739. Unpublished study prepared by Mobay Corp. 79 p.

162-2     **Anaerobic soil metabolism**

MRID	Citation Reference
41607506	Minor, R.; Freeseaman, P. (1990) Fate of Chinomethionate Under Aero- bic and Anaerobic Soil Conditions: Lab Project Number: MRO42101: 99739. Unpublished study prepared by Mobay Corp. 79 p.

162-3     **Anaerobic aquatic metab.**

MRID	Citation Reference
43007101	Pangilinan, N.; Smith, D. (1993) Anaerobic Aquatic Metabolism of (carbon-14) Chinomethionate: Lab Project Number: MR042402: 106201. Unpublished study prepared by Miles Inc., Agriculture Div. and Miles Inc., Research and Development Dept. 61 p.

162-4     **Aerobic aquatic metab.**

MRID	Citation Reference
42337301	Parker, G.; Lenz, M. (1992) Aerobic Aquatic Metabolism of Chinomethionate: Lab Project Number: 101336: MR042401. Unpublished study prepared by Miles Inc. 49 p.

163-1     **Leach/adsorp/desorption**

MRID	Citation Reference
29887	Thornton, J.S.; Hurley, J.B.; Obrist, J.J. (1976) Soil Thin-Layer Mobility of Twenty Four Pesticides (sic) Chemicals: Report No. 51016. (Unpublished study received Jan. 28, 1980 under 5F1547; submitted by Mobay Chemical Corp., Pittsburgh, Pa.; CDL: 099216-I)
103429	Flint, D.; Shaw, H. (1970) Soil Runoff, Leaching, Adsorption and Water Stability Studies with Morestan: Report No. 28,365. (Unpublished study received Jun 4, 1971 under 1F1063; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091830-C)
103431	Robinson, R.; Flint, D. (1970) Fate of 14C-Labeled Morestan in Soil: Report No. 28369. (Unpublished study received Jun 4, 1971 under 1F1063; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091830-E)
5001190	Helling, C.S.; Dennison, D.G.; Kaufman, D.D. (1974) Fungicide movement in soils. Phytopathology 64(8):1091-1100.

5016652

Helling, C.S. (1971) Pesticide mobility in soils: II\_ Applications of soil thin-layer chromatography. Proceedings of the Soil Science Society of America 35(5):737-743.

41607507

Kao, L.; Reichel, L. (1989) Adsorption/Desorption of Cheinomethio- nate by Soil: Lab Project Number: MR182101: 98539. Unpublished study prepared by Mobay Corp. 49 p.

164-1 Terrestrial field dissipation

MRID	Citation Reference
103411	Mobay Chemical Corp. (1965) Morestan: Analytical, Residue, and Taste Information (Grapefruit, Lemons, Oranges, and Tangerines). (Compilation; unpublished study received Jun 18, 1965 under 3125-117; CDL:006918-A)
103412	Mobay Chemical Corp. (1965) Morestan: Analytical, Residue, and Taste Information (Cucumbers, Melons, and Squash). (Compila- tion; unpublished study received Jun 18, 1965 under 3125-117; CDL:006919-A)
103429	Flint, D.; Shaw, H. (1970) Soil Runoff, Leaching, Adsorption and Water Stability Studies with Morestan: Report No. 28,365. (Unpublished study received Jun 4, 1971 under 1F1063; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091830-C)
103474	Mobay Chemical Corp. (1966) Morestan Soil Persistence Studies: ?Summary Table 5 : Supplement No. 1. (Unpublished study received on unknown date under 3125-147; CDL:102238-A)
42812201	Grace, T.; Cain, K.; Delk, J. et al. (1991) Dissipation of Chinomethionate in California Soils: Lab Project Number: 89.028: 89.037: 90.085. Unpublished study prepared by Plant Sciences, Inc., Siemer and Associates, Inc. and NET Atlantic, Inc. 4226 p.

164-2 Aquatic field dissipation

MRID	Citation Reference
103429	Flint, D.; Shaw, H. (1970) Soil Runoff, Leaching, Adsorption and Water Stability Studies with Morestan: Report No. 28,365. (Unpublished study received Jun 4, 1971 under 1F1063; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091830-C)

165-1 Confined rotational crop

MRID	Citation Reference
42852801	Mattern, G.; Parker, G. (1993) Confined Accumulation of (3a,9a-(carbon 14)) Chinomethionate Residues in Rotational Crops: Lab Project Number: MR051601: 91.029: P307W. Unpublished study prepared by Miles Inc., Plant Sciences, Inc. and PTRL West, Inc. 143 p.

165-4 Bioaccumulation in fish

MRID	Citation Reference
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41899704 Grau, R. (1990) Oxythioquinox Bioconcentration in Fish: Lab Project Number: BF-005: E28800382-1: 101233. Unpublished study prepared by Mobay Corp. 48 p.

44141603 Leimkuehler, W.; Billesbach, K. (1996) Identification of Radioactive Residues of (3a, 9a-(carbon 14))Chinomethionate in the Edible and Nonedible fractions of Bluegill Sunfish (Lepomis macrochirus): (Final Report): Lab Project Number: 106941: MR030301. Unpublished study prepared by Bayer Corp. 51 p.

171-5      **Reduction of residues**

MRID	Citation Reference
28608	Mobay Chemical Corporation (1977) The Effect of Frozen Storage at 0 to -10^oIF on^(R)IMorestan Residues in Watermelon Rind: Report No. 51215. (Unpublished study received Mar 17, 1980 under 3125- 117; CDL:099325-D)
28609	Mobay Chemical Corporation (1977) The Effect of Frozen Storage at 0 to -10^oIF on^(R)IMorestan Residues in Watermelon Pulp: Report No. 51219. (Unpublished study received Mar 17, 1980 under 3125- 117; CDL:099325-E)
38439	Chemagro Corporation (1970) Reasonable Grounds in Support of the Petition: ?Morestan . (Unpublished study received Nov 18, 1970 under 1F1063; CDL:093374-H)
103463	Interregional Research Project No. 4 (1967) (Residue Studies of Morestan on Papayas and Other Crops). (Compilation; unpublished study received May 20, 1976 under 6E1793; CDL:097577-B)
103464	Bevenue, A.; Ogata, J.; Haramoto, F.; et al. (1967) The Effects of Processing on the Levels of Morestan Residues Occurring in Papaya Purees. (Unpublished study received May 20, 1976 under 6E1793; prepared by Univ. of Hawaii, Depts. of Agricultural Biochemistry and Entomology; U.S. Dept. of Agriculture, Western Utilization Research and Development Div., Hawaii Fruit Lab- oratory, submitted by Interregional Research Project No. 4, New Brunswick, NJ; CDL:097577-C)

171-4B      **Residue Analytical Methods**

MRID	Citation Reference
28607	Thornton, J.S. (1974) A Gas Chromatographic Method for Determining Residues of(R)Morestan in Animal Tissues and Milk: Report No. 39354. Method dated Jan 29, 1974. (Unpublished study re- ceived Mar 17, 1980 under 3125-117; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:099325-C)
28610	Mobay Chemical Corporation (1978) Recovery of (R)Morestan from Cantaloupe: Report No. 66530. (Unpublished study received Mar 17, 1980 under 3125-117; CDL:099325-F)
36410	Thornton, J.S. (1974) A Gas Chromatographic Method for Determining Residues of (R)Morestan in Animal Tissues and Milk: Report No. 39354. Method dated Jan 29, 1974. (Unpublished study received Dec 2, 1974 under 5F1577; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:094485-E)
36411	Mobay Chemical Corporation (1974) Determination of (R)Morestan Residues in Apples and Pears: Report No. 41969. Method dated Nov 21, 1974. (Unpublished study received Dec 2, 1974 under 5F1577; CDL:094485-F)
103450	Mobay Chemical Corp. (1974) ?Residue Analyses for Morestan in Animal Tissues, Milk and Meat . (Compilation; unpublished study received on unknown date under 1F1063; CDL:091829-A)
103456	Mobay Chemical Corp. (1970) ?Analytical Tests for Residues of Morestan . (Compilation; unpublished study

received on unknown date under 9F0818; CDL:093136-A)

103467 Chemagro (1972) Dairy Cattle Feeding Study with Morestan. (Protocol; unpublished study received Mar 25, 1974 under 1F1063; CDL: 097880-A)

103483 Mobay Chemical Corp. (1974) ?Residue Studies of Morestan in Various Products|. (Compilation; unpublished study received Dec 18, 1975 under 3125-117; CDL:224403-B)

144131 Thronton, J. (1974) A Gas Chromatographic Method for Determining Residues of Morestan in Animal Tissues and Milk. Unpublished study prepared by Chemagro. 195 p.

157721 Murphy, J.; Minor, R.; Gentile, C.; et al. (1985) Radioactive Residues in Tissues and Milk of Dairy Cows Fed Dried Pulp from Oranges Treated with (Carbon-14) Morestan. Unpublished Mobay Report No. 89041 prepared by Mobay Chemical Corp. 49 p.

41588301 Ver Hey, M. (1989) Morestan Multiresidue Method Testing: Lab Project Number: 1093: MR161601: 99612. Unpublished study prepared by Colorado Analytical Research & Development Corp. 322 p.

92137012 Leimkuehler, W. (1990) Mobay Corporation Phase 3 Summary of MRID 00130007. Analytical Method for the Determination of Morestan Residue in Plant Material: Project No. 15769. Prepared by MOBAY CORPORATION. 10 p.

92137013 Leimkuehler, W. (1990) Mobay Corporation Phase 3 Summary of MRID 00028607. Analytical Method for the Determination of Morestan Residue in Animal Tissue and Milk: Project No. 39354; Summary Report 39354-S. Prepared by MOBAY CORPORATION. 11 p.

92137017 Olson, T. (1990) Mobay Corporation Phase 3 Reformat of MRID 00130007. Analytical Method for the Determination of Morestan Residue in Plant Material: Project No. 15769; Report No. 15769-R. Prepared by MOBAY CORPORATION. 24 p.

92137018 Thornton, J. (1990) Mobay Corporation Phase 3 Reformat of MRID 00028607. Analytical Method for the Determination of Morestan Residue in Animal Tissue and Milk: Project Report 39354; Reformatted Report No. 39354-R. Prepared by MOBAY CORPORATION. 15 p.

171-4C      **Magnitude of the Residue [by commodity]**

MRID	Citation Reference
28606	Mobay Chemical Corporation (1979) ?Morestan Residues in Honeydew Melons and Cantaloupes . (Supplement no. 4; unpublished study received Mar 17, 1980 under 3125-117; prepared in cooperation with Chemonics Industries; CDL:099325-B)
30717	Nichols, S.S. (1979) Supplement to Synopsis of Morestan Residue Chemistry on Several Crops. (Unpublished study received Feb 5, 1980 under 3125-EX-171; prepared in cooperation with Chemonics Industries and Morse Laboratories, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:099231-A)
36406	Stanley, C.W. (1975) Residues of ?14C  Morestan in Apples Resulting from Prebloom Application: Report No. 41978. Rev. (Unpublished study received on unknown date under 5F1577; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:094485-A)
36408	Mobay Chemical Corporation (1974) Morestan Residues in Whole Ap- ples. (Unpublished study received Dec 2, 1974 under 5F1577; CDL:094485-C)
36409	Mobay Chemical Corporation (1974) Morestan Residues in Whole Pears. (Unpublished study received Dec 2, 1974 under 5F1577; CDL: 094485-D)
37274	Chemagro Corporation (19??) Biological Availability in Dogs of 2,3- 14C-Morestan Residues in Apple Peel Solids: Report No. 28366. (Unpublished study received Nov 18, 1970 under 1F1063; CDL: 093374-D)



- 88411 Mobay Chemical Corporation (1973) ?Morestan Residues in Pears|: 39117. (Compilation; unpublished study received Dec 27, 1973 under 3125-117; CDL:101755-A)
- 93718 Mobay Chemical Corporation (1981) Addition to Synopsis of Morestan Residue Chemistry on Several Crops. Includes method dated Aug 16, 1966. (Compilation; unpublished study received Jan 21, 1982 under 0E2336; CDL:070599-A)
- 96270 Niven, C.F., Jr. (1973) Letter sent to Glenn Brussell dated Dec 6, 1973 ?Morestan: Residues in pears|: ? Submitter| 39117. (Un- published study received on unknown date under 5F1577; prepared by Del Monte Corp., submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:094485-G)
- 103267 Mobay Chemical Corp. (1982) Morestan Residue Chemistry on Several Crops: Addition No. 9 (Almonds) to Brochure Entitled: Morestan: Metabolic, Analytical, Residue and Flavor Information on Several Crops: Document No. AS 82-1646. (Compilation; unpublished study received Jun 22, 1982 under 8G2104; CDL:070944-A)
- 103409 Mobay Chemical Corp. (1966) Supplement No. 1 to Brochure Entitled Morestan Analytical and Residue Data (Apples and Pears). (Com- pilation; unpublished study received May 26, 1966 under 3125- 117; CDL:006905-A)
- 103411 Mobay Chemical Corp. (1965) Morestan: Analytical, Residue, and Taste Information (Grapefruit, Lemons, Oranges, and Tangerines). (Compilation; unpublished study received Jun 18, 1965 under 3125-117; CDL:006918-A)
- 103420 Mobay Chemical Corp. (1973) ?Residue Studies of Morestan on Pears|: 39117. (Compilation; unpublished study received Jun 18, 1965 under 3125-117; CDL:025745-B)
- 103422 Mobay Chemical Corp. (1970) Synopsis of Metabolic, Analytical, Residue and Flavor Information for Morestan Applications on Several Crops. (Compilation; unpublished study received Jun 4, 1971 under 9F0818; CDL:091416-A; 091412; 091413; 091414; 091415; 091830)
- 103451 Flint, D.; Gronberg, R. (1973) Residues of Morestan in Orange Fruit and Processed Orange Products Sixty Days after Treatment with Morestan-2,3-14C: Report No. 35546. (Unpublished study received on unknown date under 1F1063; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091829-B)
- 103460 Mobay Chemical Corp. (1978) Supplement to Synopsis of Morestan Residue Chemistry on Several Crops: Supplement No. 2. (Unpub- lished study received Aug 9, 1978 under 3125-EX-158; CDL: 097375-A)
- 103468 Chemagro Corp. (1972) Summary of Solids and Extracts (Solubilized Residue) Fed to Animals. (Unpublished study received Mar 25, 1974 under 1F1063; CDL:097880-B)
- 103472 Mobay Chemical Corp. (1979) Morestan Residue Chemistry on Several Crops; Supplement No. 5 to Brochure Entitled: Morestan Metabolic, Analytical, Residue and Flavor Information on Several Crops: Document No. AS79-1842. (Unpublished study received Oct 12, 1979 under 3125-117; CDL:099041-A)
- 103473 Mobay Chemical Corp. (1978) Morestan Residue Chemistry on Several Crops; Supplement No. 3 to Brochure Entitled: Morestan Meta- bolic, Analytical, Residue and Flavor Information on Several Crops: Document No. AS79-1842. (Unpublished study received Oct 12, 1979 under 3125-117; CDL:099044-A)
- 103476 Mobay Chemical Corp. (1963) Morestan (Bayer 36205): Analytical and Residue Data (Apples and Pears). (Compilation; unpublished study received Mar 18, 1963 under unknown admin. no.; CDL: 119223-A)
- 103477 Corley, C. (1965) Morestan and Binapacryl Residues in Apples: Special Report PC-B-65-27. (U.S. Agricultural Research Service, Entomology Research Div., Pesticide Chemicals Research Branch; unpublished study; CDL:124143-A)
- 103481 Mobay Chemical Corp. (19??) Biological Availability in Dogs of 2, 3-14C-Morestan Residues in Apple Peel Solids: Report No. 28,366. (Unpublished study received Nov 17, 1970 under 1H2622; CDL: 221707-B)
- 103483 Mobay Chemical Corp. (1974) ?Residue Studies of Morestan in Various Products|. (Compilation; unpublished study received Dec 18, 1975 under 3125-117; CDL:224403-B)

- 103484 Stanley, C. (1975) Residues of  $^{14}\text{C}$  Morestan in Apples Resulting from Prebloom Application: Report No. 41978. (Unpublished study received Dec 18, 1975 under 3125-117; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:224403-C)
- 103487 Mobay Chemical Corp. (1978) Addition to Synopsis of Residue Chemistry on Citrus: Addition No. 1. (Compilation; unpublished study received Aug 13, 1979 under 3125-117; CDL:238943-A)
- 103488 Cronberg, R.; Flint, D.; Simmons, C. (1973) Residues in Tissues and Milk from Goats Fed Processed Citrus Pulp Containing Morestan-2,3- $^{14}\text{C}$  Residues: Report No. 37062. (Unpublished study received Aug 13, 1979 under 3125-117; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:238943-B)
- 130007 Mobay Chemical Corp. (1983) Morestan Residue Chemistry on Several Crops Addition No. 11 (Cherries) To the Brochure Entitled: Morestan Metabolic, Analytical Residue and Flavor Information on Several Crops: Document No. AS 83-1837. (Compilation; unpublished study received Aug 8, 1983 under 3125-117; CDL: 071776-A)
- 130008 Mobay Chemical Corp. (1982) Morestan Residue Chemistry on Several Crops Addition No. 10 (Grapes) to the Brochure Entitled: Morestan Metabolic, Analytical, Residue and Flavor Information on Several Crops: Document No. AS 83-1835. (Compilation; unpublished study received Aug 8, 1983 under 3125-117; CDL: 071777-A)
- 157720 Minor, R.; Murphy, J. (1976) Radioactive Residues of [Carbon-14] Morestan in Cantaloupes and Watermelons: Report No. 48080. Unpublished study prepared by Chemagro Agricultural Div. 5 p.
- 157721 Murphy, J.; Minor, R.; Gentile, C.; et al. (1985) Radioactive Residues in Tissues and Milk of Dairy Cows Fed Dried Pulp from Oranges Treated with (Carbon-14) Morestan. Unpublished Mobay Report No. 89041 prepared by Mobay Chemical Corp. 49 p.
- 44141601 Maloney, A. (1996) Morestan 25WP--Magnitude of the Residue in Orange Processed Commodities: (Final Report): Lab Project Number: 106991: MR19OR03: VBL-MR013-94P. Unpublished study prepared by Bayer Corp. 473 p.
- 44141602 Maloney, A. (1996) Morestan 25WP--Magnitude of the Residue on Citrus (Grapefruit, Oranges, and Lemons): (Final Report): Lab Project Number: 107321: MR19GF02: MR19OR02. Unpublished study prepared by Bayer Corp. 258 p.
- 44165901 Lenz, C. (1996) Chinomethionate--Freezer Storage Stability Study in Apples and Oranges and the Processed Commodities of Oranges: Lab Project Number: MR131602: 107110. Unpublished study prepared by Bayer Corp. 204 p.
- 92137014 Leimkuehler, W. (1990) Mobay Corporation Phase 3 Summary of MRID 00028608 and Related MRIDs 00028609. The Effect of Frozen Storage on Morestan Residues in Watermelon, Pulp and Rind: Project Report Nos. 51215 and 51219. Prepared by MOBAY CORPORATION. 7 p.
- 92137015 Leslie, W. (1990) Mobay Corporation Phase 3 Summary of MRID 00103473. Chinomethionate (Morestan 25WP) - Magnitude of the Residues on Apricots: Project Report Nos. 52933, 53077, 53078, 53201 and 53202; Mobay Report No. 100119-1. Prepared by MOBAY CORPORATION. 11 p.
- 92137016 Leslie, W. (1990) Mobay Corporation Phase 3 Summary of MRID 00130007. Chinomethionate (Morestan 25WP) -- Magnitude of the Residues on Cherries: Project Report Nos. 81093, 81094, 81095, 81096 81097, 81098 and 81099; Mobay Report No. 100120-1. Prepared by MOBAY CORPORATION. 11 p.
- 92137019 Minor, R. (1990) Mobay Corporation Phase 3 Reformat of MRID 00028608 and Related MRIDs 00028609. The Effect of Frozen Storage on Morestan Residues in Watermelon Pulp and Rind: Project Nos. 51215 and 51219; Reformatted Report Nos. 51215-R and 51219-R. Prepared by MOBAY CORPORATION. 13 p.

## 171-4A2 Nature of the Residue in Plants

MRID	Citation Reference
37275	Waggoner, T.B. (1972) Availability of Morestan Residues to Animals. Summary of study 093374-D. (Unpublished study received on un- known date under 1F1063; submitted by Chemagro Corp., Kansas City, Mo.; CDL:093374-E)
103425	Waggoner, T.; Everett, L. (1968) Morestan Metabolism in Plants: Report No. 22275. (Unpublished study received Jun 11, 1969 under 9F0818; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091414-A)
103428	Khasawinah, A. (1970) Metabolism of Morestan on Cucumber Leaves and Fruit and on Strawberry Leaves: Report No. 28,364. (Unpub- lished study received Jun 4, 1971 under 1F1063; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091830-B)
103469	Chemagro (1972) Metabolism of Morestan on Strawberry Fruit. (Protocol; unpublished study received Mar 25, 1974 under 1F1063; CDL:097880-C)
103482	Mobay Chemical Corp. (19??) ?Residue Study of Morestan on Cucumber Leaves and Strawberry Plants : Report No. 28364. (Unpublished study received Nov 17, 1970 under 1H2622; CDL:221707-C)
42770101	Hall, L.; Hartz, A. (1993) Citrus Metabolism of (carbon 14) Chinomethionate: Lab Project Number: 92.266: MR041601: 105046. Unpublished study prepared by Plant Sciences, Inc. and Miles, Inc. 98 p.

171-4A3      Nature of the Residue in Livestock

MRID	Citation Reference
103427	Flint, D.; Gronberg, R. (1970) The Absence of Residues in Milk and Tissues from Dairy Cattle Fed 2,3-14C-Morestan: Report No. 28363. (Unpublished study received Jun 4, 1971 under 1F1063; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091830-A)
103430	Flint, D.; Gronberg, R. (1970) Biological Availability in Dogs of 2,3-14C-Morestan Residues in Apple-peel Solids: Report No. 28366. (Unpublished study received Jun 4, 1971 under 1F1063; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091830-D)
103460	Mobay Chemical Corp. (1978) Supplement to Synopsis of Morestan Residue Chemistry on Several Crops: Supplement No. 2. (Unpub- lished study received Aug 9, 1978 under 3125-EX-158; CDL: 097375-A)
103461	Murphy, J.; Minor, R.; Strankowski, K.; et al. (1977) ?14C  More- stan--Almond Hull--Dairy Cow Feeding Study: Report No. 53619. (Unpublished study received Aug 9, 1978 under 3125-EX-158; CDL:097375-B)
108030	Chemagro (1972) Poultry Feeding Study with Morestan-14C. (Protocol; unpublished study received Mar 25, 1974 under 1F1063; CDL: 097880-D)
42770102	Duah, F.; Smasal, T. (1993) Metabolism of Chinomethionate in a Lactating Goat: Lab Project Number: MR041001: 105047. Unpublished study prepared by Miles, Inc. 103 p.

Non-Guideline Study

MRID	Citation Reference
3687	Stevenson, A.B. (1970) Endosulfan and other insecticides for con- trol of the leaf form of the grape phylloxera in Ontario. Jour- nal of Economic Entomology 63(1):125-128. (Also~In~unpub- lished

submission received May 5, 1975 under 279-1380; submitted by FMC Corp., Philadelphia, Pa.; CDL:121703-C)

3829 FMC Corporation (1969) Efficacy Data: Thiodan Miscible for the Control of Pear Psylla on Pears. Summary of studies 002302-B through 002302-E. (Unpublished study received Apr 13, 1970 under 279-1182; CDL:002302-A)

3833 Howitt, A.J. (1969) Control of Pear Psylla on Pears: Michigan--1969 (4 Tests). (Unpublished study received Apr 13, 1970 under 279- 1182; prepared by Michigan State Univ., Dept. of Entomology, submitted by FMC Corp., Philadelphia, Pa.; CDL:002302-E)

3852 Waters, L.H. (1971) Apple Pest Information Pool: MC-901. (Unpub- lished study received Jul 18, 1972 under 279-1182; prepared in cooperation with New York State Agricultural Experiment Station, Hudson Valley Laboratory, submitted by FMC Corp., Philadelphia, Pa.; CDL:002304-E)

3854 Howitt, A.J. (1969) Thiodan: Pear--Pear Psylla: MC-364. (Unpub- lished study received Jul 18, 1972 under 279-1182; prepared in cooperation with Michigan State Univ., Dept. of Entomology, sub- mitted by FMC Corp., Philadelphia, Pa.; CDL:002304-G)

3908 FMC Corporation (1964) Ethion: Control of Apple and Pear Rust Mites. (Unpublished study received Dec 28, 1964 under 279-1401; CDL:002382-A)

4411 Washington State University, Agricultural Experiment Station (1965) Mite Control on Mint: 1965 Research Progress. (Unpublished study received Feb 7, 1966 under 707-59; submitted by Rohm & Haas Co., Philadelphia, Pa.; CDL:094776-B)

6093 DeLay, D.L. (1970) Zolone EC--Oranges: Final Report No. PA 70-12. (Unpublished study received Aug 19, 1971 under 2F1193; submitted by Rhodia, Inc., New Brunswick, N.J.; CDL:093518-O)

6181 DeLay, D.L.; Tuttle, D.M. (1970) Zolone--Lemon: Final Report No. PA 70-50. (Unpublished study received Mar 8, 1974 under 359-626; prepared by Rhodia, Inc. in cooperation with Univ. of Arizona, Yuma Experiment Station, submitted by Rhone-Poulenc, Inc., Monmouth Junction, N.J.; CDL:023337-H)

6182 Quinn, J.; Trammel, K. (1972) Zolone--Pears: Final Report No. BB 72-105. (Unpublished study received Mar 8, 1974 under 359-626; prepared by Rhodia, Inc. in cooperation with Cornell Univ., sub- mitted by Rhone-Poulenc, Inc., Monmouth Junction, N.J.; CDL: 023337-I)

6183 Butts, R.F.; Trammel, K. (1969) Zolone--Pears: Final Report No. BB 69-67. (Unpublished study received Mar 8, 1974 under 359-626; prepared by Rhodia, Inc. in cooperation with New York Agricul- tural Experiment Station, submitted by Rhone-Poulenc, Inc., Monmouth Junction, N.J.; CDL:023337-J)

6186 Quinn, J.; Trammel, K. (1972) Zolone--Pears: Final Report No. BB 72-104. (Unpublished study received Mar 8, 1974 under 359-626; prepared by Rhodia, Inc. in cooperation with Cornell Univ., sub- mitted by Rhone-Poulenc, Inc., Monmouth Junction, N.J.; CDL: 023337-M)

6228 Quinn, J.; Hofmaster, R.N. (1972) Final Report: District Project No. BB 72-82. (Unpublished study received May 10, 1977 under 359-620; prepared by Rhodia, Inc. in cooperation with Virginia Truck and Ornamentals Research Station, submitted by Rhone- Poulenc, Inc., Monmouth Junction, N.J.; CDL:229758-AU)

6456 Smyth, E.P.; Zwick, R. (1968) Report No. Port 68-38. (Unpublished study received Aug 20, 1971 under 359-620; prepared in coopera- tion with Oregon State Univ., submitted by Rhone-Poulenc, Inc., Monmouth Junction, N.J.; CDL:003170-U)

6504 Arnold, E.; Forsythe, H.J., Jr. (19??) Report No. C 67-37. (Unpub- lished study received Jul 5, 1968 under 8F0668; submitted by Chipman Chemical Co., Inc., Burlingame, Calif.; CDL:092027-DD)

6527 DeLay, D.L.; Barnes, M. (1967) Report No. PA 67-45. (Unpublished study received Feb 16, 1970 under 0F0948; submitted by Rhodia, Inc., New Brunswick, N.J.; CDL:092026-G)

6529 DeLay, D.L.; Barnes, M. (1968) Report No. PA 68-50. (Unpublished study received Feb 16, 1970 under 0F0948; prepared in coopera- tion with Univ. of California--Riverside, Dept. of Entomology, submitted by

Rhodia, Inc., New Brunswick, N.J.; CDL:092026-I)

- 6530 DeLay, D.L.; Barnes, M. (1968) Report No. PA 68-71. (Unpublished study received Feb 16, 1970 under 0F0948; prepared in cooperation with Univ. of California--Riverside, Dept. of Entomology, submitted by Rhodia, Inc., New Brunswick, N.J.; CDL:092026-J)
- 6544 Rhodia, Incorporated (1965) Report No. PA 65-1. (Unpublished study received Feb 16, 1970 under 0F0948; CDL:092026-AC)
- 6545 Jeppson, L. (1965) Report No. PA 65-55. (Unpublished study received Feb 16, 1970 under 0F0948; submitted by Rhodia, Inc., New Brunswick, N.J.; CDL:092026-AD)
- 6546 Jeppson, L. (1965) Report No. PA 65-56. (Unpublished study received Feb 16, 1970 under 0F0948; submitted by Rhodia, Inc., New Brunswick, N.J.; CDL:092026-AE)
- 6547 Jeppson, L. (1965) Report NO. PA 65-57. (Unpublished study received Feb 16, 1970 under 0F0948; submitted by Rhodia, Inc., New Brunswick, N.J.; CDL:092026-AF)
- 6548 Rhodia, Incorporated (1965) Report No. PA 65-58. (Unpublished study received Feb 16, 1970 under 0F0948; CDL:092026-AG)
- 6549 Jeppson, L. (1966) Report No. PA 66-48. (Unpublished study received Feb 16, 1970 under 0F0948; submitted by Rhodia, Inc., New Brunswick, N.J.; CDL:092026-AH)
- 6550 Jeppson, L. (1966) Report No. PA 66-49. (Unpublished study received Feb 16, 1970 under 0F0948; submitted by Rhodia, Inc., New Brunswick, N.J.; CDL:092026-AI)
- 6551 Jeppson, L. (1966) Report No. PA 66-50. (Unpublished study received Feb 16, 1970 under 0F0948; submitted by Rhodia, Inc., New Brunswick, N.J.; CDL:092026-AJ)
- 6552 Jeppson, L. (1966) Report No. PA 66-51. (Unpublished study received Feb 16, 1970 under 0F0948; submitted by Rhodia, Inc., New Brunswick, N.J.; CDL:092026-AK)
- 6553 Jeppson, L. (1966) Report No. PA 66-53. (Unpublished study received Feb 16, 1970 under 0F0948; submitted by Rhodia, Inc., New Brunswick, N.J.; CDL:092026-AL)
- 6554 Jeppson, L. (1966) Report No. PA 66-54. (Unpublished study received Feb 16, 1970 under 0F0948; submitted by Rhodia, Inc., New Brunswick, N.J.; CDL:092026-AM)
- 6555 DeLay, D.L.; Jeppson, L. (1966) Report No. PA 66-55. (Unpublished study received Feb 16, 1970 under 0F0948; submitted by Rhodia, Inc., New Brunswick, N.J.; CDL:092026-AN)
- 6559 DeLay, D.L.; Jepson ?sic|, L. (1967) Report No. PA 67-50. (Unpublished study received Feb 16, 1970 under 0F0948; prepared in cooperation with Univ. of California, submitted by Rhodia, Inc., New Brunswick, N.J.; CDL:092026-AR)
- 6560 DeLay, D.L.; Jepson ?sic|, L. (1967) Report No. PA 67-51. (Unpublished study received Feb 16, 1970 under 0F0948; prepared in cooperation with Univ. of California, submitted by Rhodia, Inc., New Brunswick, N.J.; CDL:092026-AS)
- 6561 DeLay, D.L.; Jepson ?sic|, L. (1967) Report No. PA 67-52. (Unpublished study received Feb 16, 1970 under 0F0948; submitted by Rhodia, Inc., New Brunswick, N.J.; CDL:092026-AT)
- 6630 Preiser, F.A.; Glass, E.H. (1968) Report No. BB 68-86. (Unpublished study received Dec 22, 1969 under 359-626; prepared in cooperation with Cornell Univ., submitted by Rhone-Poulenc, Inc., Monmouth Junction, N.J.; CDL:003174-H)
- 6670 Preiser, F.; Lienk, S.E. (1967) Report No. BB 67-79. (Unpublished study received Dec 8, 1967 under 8F0668; submitted by Chipman Chemical Co., Inc., Burlingame, Calif.; CDL:092961-E)
- 6749 DeLay, D.L.; Jeppson, L.R. (1970) Zolone EC--Orange: Final Report No. PA 70-58. (Unpublished study received Aug 19, 1971 under 2F1193; prepared in cooperation with Univ. of California--Riverside, Citrus



Experiment Station, submitted by Rhodia, Inc., New Brunswick, N.J.; CDL:093518-V)

6805 Boulanger, L.W. (1966) Report No. BB 66-108. (Unpublished study received Jul 5, 1968 under 8F0668; submitted by Chipman Chemical Co., Inc., Burlingame, Calif.; CDL:092027-H)

6819 Link ?sic|, ? (1965) Report No. BB 65-126. (Unpublished study received Jul 5, 1968 under 8F0668; submitted by Chipman Chemical Co., Inc., Burlingame, Calif.; CDL:092027-Y)

6832 Asquith, D. (1965) Report No. BB 65-47. (Unpublished study received Jul 5, 1968 under 8F0668; submitted by Chipman Chemical Co., Inc., Burlingame, Calif.; CDL:092027-AO)

6833 Asquith, D. (1966) Report No. BB 66-140. (Unpublished study received Jul 5, 1968 under 8F0668; submitted by Chipman Chemical Co., Inc., Burlingame, Calif.; CDL:092027-AP)

6835 Preiser, F.A.; Asquith, D. (1967) Report No. BB 67-86. (Unpublished study received Jul 5, 1968 under 8F0668; submitted by Chipman Chemical Co., Inc., Burlingame, Calif.; CDL:092027-AR)

6841 Smyth, E.P.; Zwick, R. (1967) Report No. Port 67-30. (Unpublished study received Jul 5, 1968 under 8F0668; submitted by Chipman Chemical Co., Inc., Burlingame, Calif.; CDL:092027-AY)

6842 Smyth, E.P.; Zwick, R. (1967) Report No. Port 67-32. (Unpublished study received Jul 5, 1968 under 8F0668; submitted by Chipman Chemical Co., Inc., Burlingame, Calif.; CDL:092027-AZ)

6856 Smyth, E.P.; Westigard, P. (1967) Report No. Port 67-19. (Unpublished study received Jul 5, 1968 under 8F0668; submitted by Chipman Chemical Co., Inc., Burlingame, Calif.; CDL:092027-BQ)

6897 Chipman Chemical Company, Incorporated (1965) Report No. BB-65-49. (Unpublished study received on unknown date under 7G0575; CDL: 090736-X)

6901 Link ?sic|, S.E. (1965) Report No. BB-65-126. (Unpublished study received on unknown date under 7G0575; submitted by Chipman Chemical Co., Inc., Burlingame, Calif.; CDL:090736-AD)

6908 Forsythe, H. (1965) Report No. C-65-36. (Unpublished study received on unknown date under 7G0575; submitted by Chipman Chemical Co., Inc., Burlingame, Calif.; CDL:090736-AP)

6910 Lillie, D.T.; Kido, H. (1965) Summary Report: District Project No. PA 65-36. (Unpublished study received on unknown date under 7G0575; prepared in cooperation with Univ. of California, submitted by Chipman Chemical Co., Inc., Burlingame, Calif.; CDL: 090736-AR)

6915 Peifer, F. (1965) Report No. Port 65-48. (Unpublished study received on unknown date under 7G0575; submitted by Chipman Chemical Co., Inc., Burlingame, Calif.; CDL:090736-BA)

6930 Cone, W.W. (1966) Report No. Port 66-11. (Unpublished study received on unknown date under 7G0575; submitted by Chipman Chemical Co., Inc., Burlingame, Calif.; CDL:090736-CO)

7646 Taschenberg, E.F. (1971) Grape Leafhopper Control--1971. (Unpublished study received on unknown date under 4F1437; prepared by New York Agricultural Experiment Station, submitted by E.I. du Pont de Nemours & Co., Inc., Wilmington, Del.; CDL:093831-N)

7678 Denis, S. (1971) Peach Insecticide Test--1971. (Unpublished study received Sep 1, 1972 under 2F1246; submitted by E.I. du Pont de Nemours & Co., Inc., Wilmington, Del.; CDL:091770-J)

8171 Delp, C.J.; Soboczenski, E.J. (1973) Fruit Insecticide Program. (Unpublished study received Mar 4, 1974 under 352-362; submitted by E.I. du Pont de Nemours & Co., Wilmington, Del.; CDL: 026710-M)

9867 Wang, H.; Dickens, L.E. (1975) Foliar Insecticide & Fungicide Test Data. (Unpublished study received Sep 25, 1978 under 476-1054; prepared in cooperation with Colorado State Univ., Cooperative Extension Service, submitted by Stauffer Chemical Co., Richmond, Calif.; CDL:235223-A)

11311 Pate, T.L. (1971) Banks Grass Mite Control Tests on Sorghum at El Paso in 1971: Report No. 6. (Unpublished study received Jun 4, 1974 under 100-501; submitted by Ciba-Geigy Corp., Greensboro, N.C.; CDL:094014-G)

- 11365 Summers, F.M.; Witt, R.L. (1969) Sprays for Almond Mites on Almonds: Project 1797. (Unpublished study received May 24, 1976 under 6F1782; prepared by Univ. of California--Davis, Agricultural Experiment Station, Dept. of Entomology, submitted by Ciba-Geigy Corp., Greensboro, N.C.; CDL:096527-P)
- 11689 Tuttle, D.M. (1970) Cooperator Research Report: Data and Results & Discussion of Citrus Red Mite Control Tests. (Unpublished study received Jan 16, 1974 under unknown admin. no.; submitted by Ciba-Geigy Corp., Greensboro, N.C.; CDL:122290-C)
- 12512 Tuttle, D.M.; Arvizo, G.L. (1965) Control of Alfalfa Insects. (Unpublished study received Dec 28, 1967 under 8F0648; prepared by Univ. of Arizona, Dept. of Entomology, submitted by Geigy Chemical Corp., Ardsley, N.Y.; CDL:091129-V)
- 13798 Stevens, L.F.; Simpson, C.M. (1964) Report Summary: Meta-Systox-R, B-25141, Di-Syston, Systox: Report No. 15,027. (Unpublished study including report no. 15,028, received Nov 21, 1967 under 7946-1; prepared by Chemagro Corp. in cooperation with Canada, Dept. of Agriculture, submitted by J.J. Mauget Co., Burbank, Calif.; CDL:008103-AN)
- 13811 Allen, W.W. (1961) The Effectiveness of Various Pesticides against the Two-Spotted Spider Mite on Greenhouse Roses. (Unpublished study including letter dated Jan 23, 1962 from W.W. Allen to Ed F. Feichtmeir, received Mar 1, 1962 under 201-EX-16; prepared by Univ. of California--Berkeley, Agricultural Experiment Station, Dept. of Entomology and Parasitology, submitted by Shell Chemical Co., Washington, D.C.; CDL:122685-O)
- 13911 Shell Chemical Company (1964) ?Control of European Red Mite on Apples|. (Unpublished study received Jan 28, 1966 under 201-142; CDL:000833-O)
- 13948 Shell Chemical Company (1964) Control of European Red Mite on Plums with Two Mid-Season Sprays of Experimental Miticides at Wooster, Ohio. (Unpublished study received Jan 28, 1966 under 201-142; CDL:000833-BM)
- 13954 Wolfenbarger, D.O. (1963) Report of Progress: Preliminary Non-Projected Studies: Ornamentals. (Unpublished study including letter dated Oct 14, 1963 from D.O. Wolfenbarger to J.H. Hawke, received Jun 26, 1967 under 201-229; prepared by Univ. of Florida, Sub-Tropical Experiment Station, submitted by Shell Chemical Co., Washington, D.C.; CDL:000938-M)
- 28605 Mobay Chemical Corporation (1979) Supplement to Synopsis of Morestan Residue Chemistry on Several Crops. Summary of study 099325-B. (Supplement no. 4; unpublished study received Mar 17, 1980 under 3125-117; CDL:099325-A)
- 29169 Poe, S.L.; Wolfenbarger, D.O.; Linduska, J.; et al. (1972) ?Efficacy in Mites on Strawberries|. (Unpublished study including published data, received May 23, 1973 under 464-393; prepared in cooperation with Univ. of Florida, Gulf Coast and Sub-Tropical Experiment Stations and others, submitted by Dow Chemical U.S.A. Midland, Mich.; CDL:003608-D)
- 33638 Togashi, S.; Anthon, E.W. (1965) Peach. (Unpublished study received Apr 7, 1966 under 279-2019; prepared in cooperation with California Packing Corp. and Washington State Univ., Tree Fruit Experiment Station, submitted by FMC Corp., Philadelphia, Pa.; CDL:002419-B)
- 33639 Anthon, E.W. (1963) Cherry. (Unpublished study received Apr 7, 1966 under 279-2019; prepared by Washington State Univ., Tree Fruit Experiment Station, submitted by FMC Corp., Philadelphia, Pa.; CDL:002419-C)
- 33640 Stafford, E.M.; Kido, H.; Thomas, H.M.; et al. (1965) Grape (Thompson Seedless). (Unpublished study received Apr 7, 1966 under 279-2019; prepared in cooperation with Univ. of California, submitted by FMC Corp., Philadelphia, Pa.; CDL:002419-D)
- 33642 Allen, W.N.; Schaefer, G.A.; Wolfenbarger, D.O. (1965) Strawberry. (Unpublished study received Apr 7, 1966 under 279-2019; prepared in cooperation with Univ. of California and others, submitted by FMC Corp., Philadelphia, Pa.; CDL:002419-F)

- 36412 Mobay Chemical Corporation (1974) Reasonable Grounds in Support of the Petition for Tolerances: ? Morestan|. (Unpublished study received Dec 2, 1974 under 5F1577; CDL:094485-H)
- 37273 Khasawinah, A.M. (1971) Metabolism of <sup>(R)</sup>IMorestan in Soil: Report No. 31386. (Unpublished study received Sep 3, 1974 under 1F1063; submitted by Chemagro Corp., Kansas City, Mo.; CDL: 093374-B)
- 45601 Morris, R.A. (1976) Determination of <sup>(R)</sup>IBaygon, <sup>(R)</sup>IBaytex, Bolstar<sup>(TM)</sup>I, Croneton<sup>(TR)</sup>I, <sup>(R)</sup>IDasanit, <sup>(R)</sup>IDi-syston, <sup>(R)</sup>IDylox, <sup>(R)</sup>IGuthion, <sup>(R)</sup>IHinosan, <sup>(R)</sup>IMesurool, <sup>(R)</sup>IMeta-systox-R, Monitor<sup>(R)</sup>I, <sup>(R)</sup>IMorestan, <sup>(R)</sup>INemacur and <sup>(R)</sup>ISystox Residues in Soil: Report No. 49675. Rev. (Unpublished study received Aug 28, 1980 under 3125-236; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:243126-Q)
- 52171 Mobay Chemical Corporation (19??) Reasonable Grounds in Support of the Petition: ?Morestan|. (Unpublished study received Mar 17, 1980 under 3125-117; CDL:099324-A)
- 58506 Hood, G.A. (1963) Letter sent to Thaddeus Parr dated Oct 21, 1963 ?Results of animal repellency tests|: Report No. 12322. (U.S. Fish and Wildlife Service, Denver Wildlife Research Center; unpublished study; CDL:093228-K)
- 67109 Khasawinah, A.M. (1971) Metabolism of <sup>(R)</sup>IMorestan in Soil: Report No. 31386. (Unpublished study received Sep 3, 1974 under 1F1063; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:092158-B)
- 73310 Iida, W. (1975) On the Tolerance of Plant Pathogenic Fungi and Bacteria to Fungicides in Japan. N.P. (Japan pesticide information no. 23; also~In~unpublished submission received Jan 15, 1981 under 352-354; submitted by E.I. du Pont de Nemours & Co., Wilmington, Del.; CDL:244250-N)
- 76352 Tigner, J.R.; Spencer, D.A. (1960) Laboratory Bioassay Record: Test No. A-225; Mobay Report No. 6157A. (U.S. Fish and Wildlife Service, Denver Wildlife Research Center; unpublished study; CDL:102237-A)
- 76355 Rostenberg, A., Jr. (1962) Report on Sensitization Studies with Bayer 36205: Report No. 8637. Unpublished study. 8 p.
- 76359 DuBois, K.P. (1962) The Subacute Parenteral Toxicity of Bayer 36205 to Rats: Report No. 10201. (Unpublished study received Jan 29, 1963 under 3125-117; prepared by Univ. of Chicago, Dept. of Pharmacology, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:102237-H)
- 76360 Mobay Chemical Corporation (1966) Supplement to Synopsis of Morestan (Bay 36205) Toxicology: Supplement No. 1. Summary of studies 102235-B through 102235-I. (Unpublished study received Apr 18, 1966 under unknown admin. no.; CDL:102235-A)
- 76362 Doull, J.; Root, M.; Cowan, J. (1963) Subacute Oral Toxicity of Morestan (Bayer 36205) to Male and Female Rats: Report No. 11162. (Unpublished study received Apr 18, 1966 under unknown admin. no.; prepared by Univ. of Chicago, Dept. of Pharmacology, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:102235-C)
- 83504 Mobay Chemical Corporation (1979) Supplement to Synopsis of Morestan Human Safety: Supplement No. 3. Summary of studies 099043-B through 099043-N. (Unpublished study received Oct 12, 1979 under 3125-117; CDL:099043-A)
- 91089 Carlson, G.P.; DuBois, K.P. (19??) Studies on the Toxicity and Mode of Action of Morestan. Taken from: Abstracts: Eighth Annual Meeting, Soc. of Tox.; Mar 10-12, 1969. N.P. (Abstract 50; p. 41; also~In~unpublished submission received on unknown date under 3125-117; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:224201-A)
- 93692 Dahlgren, R.R.; Ruecker, F.A.; Thomson, G.M. (1981) Evaluation of the Effects of Oxythioquinox on the Semen Quality in Canines: Raltech Study No. 80071; 80052. Final rept. (Unpublished study received Jan 15, 1982 under 0F2280; prepared by Ralston Purina Co., submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL: 070595-A)

- 100651 Wolfe, H.; Armstrong, J.; Staiff, D.; et al. (1972) Exposure of spraymen to pesticides. Arch. Environ. Health 25:(Jul):29-31. (Also In unpublished submission received May 4, 1982 under 100- 496; submitted by Ciba-Geigy Corp., Greensboro, NC; CDL: 247367-I)
- 103396 Nelson, D. (1969) Skin Reactions following the Use of Morestan 25% Wettable Powder. (Unpublished study received May 25, 1970 under 3125-117; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:006009-B)
- 103397 Mobay Chemical Corp. (1962) Synopsis of Toxicology of Morestan (Bayer 36205). Summary of studies 006009-D through 006009-K. (Unpublished study received Jan 29, 1963 under 3125-117; CDL: 006009-C)
- 103405 Mobay Chemical Corp. (1969) ?Morestan Skin Toxicity Study--Humans|. (Compilation; unpublished study received Jan 26, 1971 under 3125-117; CDL:006011-A)
- 103406 Mobay Chemical Corp. (1970) ?Skin Irritation Study with Morestan-- Humans|. (Compilation; unpublished study received Jan 26, 1971 under 3125-117; CDL:006011-B)
- 103407 Mobay Chemical Corp. (1969) Pesticides: Clinical Investigations Related to Human Exposure: ?Morestan|: 29116. Progress rept., Jul 1-Dec 31, 1969. (Unpublished study received Jan 26, 1971 under 3125-117; CDL:006011-C)
- 103408 Felsenstein, W.; Gaines, T.; Staiff, D. (1965) Dermal Phototoxic Reaction from an Insecticide: Clinical and Laboratory Studies: ?Morestan|: ?Mobay| 29117. (U.S. Food and Drug Administration, Div. of Pesticide Chemistry and Toxicology; unpublished study; CDL:006011-D)
- 103410 Felsenstein, W. (1967) Letter sent to D. Nelson dated Oct 25, 1967 ?Photosensitization of rabbits and rats exposed to morestan|: ?Mobay| 29116. (U.S. Public Health Service, Communicable Disease Center, Western Pesticides Research Laboratory; unpub- lished study; CDL:006011-E)
- 103432 Mobay Chemical Corp. (1968) Synopsis of Toxicology of Morestan (Bayer 36205). Summary of studies 006009-D through 006009-K and 091417-J through 091417-AE. (Unpublished study received Jun 15, 1969 under 9F0818; CDL:091417-A)
- 103433 Vesselinovitch, D.; Doull, J. (1963) Histopathologic Findings in the Liver and Kidney of Rats Fed Diets Containing 50 ppm of Bayer 36205 for 16 Weeks: ?Submitter| 10628. (Unpublished study received Jun 15, 1969 under 9F0818; prepared by Univ. of Chicago, Depts. of Pathology and Pharmacology, submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091417-J)
- 103444 Carlson, G.; DuBois, K. (1967) Studies on the Biochemical Mechanism of the Toxic Action of Morestan: ?Submitter| 20212. (Unpub- lished study received Jun 15, 1969 under 9F0818; prepared by Univ. of Chicago, Toxicity Laboratory, submitted by Mobay Chem- ical Corp., Kansas City, MO; CDL:091417-Z)
- 103449 DuBois, K. (1968) Letter sent to D. Nelson dated Nov 5, 1968 ?Data on the oral toxicity of Morestan 25% wettable powder to rats|: ?Submitter| 23644. (Unpublished study received Jun 15, 1969 under 9F0818; prepared by Univ. of Chicago, Toxicity Laboratory, submitted by Mobay Chemical Corp., Kansas City, MO; CDL: 091417-AE)
- 103452 Industrial Bio-Test Laboratories, Inc. (1970) Protocol for Chemagro Corporation Ninety-day Spermatogenesis Study in Beagle Dogs. (Unpublished study received Jun 3, 1971 under 1F1063; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091829-F)
- 103465 Interregional Research Project No. 4 (1967) (Efficacy Studies of Various Insecticides on Papayas). (Compilation; unpublished study received May 20, 1976 under 6E1793; CDL:097577-D)
- 103466 Lamb, D.; Roney, D.; Jones, R. (1975) Accumulation and Persistence of Residues in Bluegill Fish Exposed to Morestan-14C: Report No. 44329. (Unpublished study received Jun 17, 1975 under 3125-117; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:097854-A)
- 103470 Mobay Chemical Corp. (1974) ?Tests for Morestan Residues in Apples Pears, Animal Tissues and Milk|. (Compilation; unpublished study received on unknown date under 5F1577; CDL:098099-A)

- 103480 Brussell, G. (1972) Morestan Pesticide Petition No. 1F1063 and Food Additive Petition No. 1H2622. (Unpublished study received Nov 17, 1970 under 1H2622; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:221707-A)
- 103485 Chemagro Corp. (1964) Morestan 2% Dust. Kansas City, MO: Chem- agro. (New registration bulletin, Jun 15; also In unpublished submission received Jul 22, 1965 under unknown admin. no.; submitted by Mobay Chemical Corp., Kansas City, MO; CDL: 130075-C)
- 103486 Chemagro Corp. (1964) Morestan 25% Wettable Powder. Kansas City, MO: Chemagro. (New registration bulletin, Jun 22; also In un- published submission received Jul 22, 1965 under unknown admin. no.; submitted by Mobay Chemical Corp., Kansas City, MO; CDL: 130075-D)
- 107413 Chemagro Corp. (19??) Bayer 36205 Insecticide. Kansas City, MO: Chemagro. (Technical data sheet; also In unpublished submission received Feb 8, 1963 under 3125-EX-62; submitted by Mobay Chem- ical Corp., Kansas City, MO; CDL:126923-A)
- 107414 Chemagro Corp. (1963) Morestan (Bayer 36205) Acaricide-Insecticide- Fungicide. Kansas City, MO: Chemagro. (Feb; also In unpub- lished submission received Feb 1, 1963 under unknown admin. no.; submitted by Mobay Chemical Corp., Kansas City, MO; CDL: 130076-A)
- 131594 Mobay Chemical Corp. (1983) Synopsis of Toxicology of Morestan. (Unpublished study received Oct 3, 1983 under 3125-117; CDL: 251480-A)
- 131600 Dahlgren, R.; Ruecker, F.; Besancenez, J.; et al. (1981) Evaluation of the Effects of Oxythioquinox on the Semen Quality in Canines: Raltech Study No. 80071; Mobay Study No. 80052. (Unpublished study received Oct 3, 1983 under 3125-117; prepared by Raltech Scientific Services, submitted by Mobay Chemical Corp., Kansas City, MO; CDL:251480-G)
- 151047 Thyssen, J. (1978) Ss 2074, the Active Ingredient of Morestan: Inhalation Study: Bayer No. 84-T-192: Mobay No. 87435. Unpub- lished study prepared by Bayer Institut fuer Toxikologie. 3 p.
- 152624 Krotlinger; Weber; Kalinger (1984) Ss 2074 (Chinomethionate, Morestan Active Ingredient) Subchronic Toxicological Study with Rats To Establish the Dose-time-effect Relationship for the Thyroid: Report No. 12485. Unpublished study prepared by Bayer AG. 33 p.
- 152625 Mobay Chemical Corp. (1980) Synopsis of Fish and Wildlife Safety of Morestan. Unpublished study. 5 p.
- 152626 Chemagro Corp. (1963) Report Summary: Fish Toxicity: Bayer 36205. Unpublished study. 1 p.
- 152627 Hood, G. (1963) Letter sent to W. Zeck dated Oct 9, 1963: [Toxicity of Bayer compounds]: Report No. S-79. Prepared by US Dept. of the Interior, Fish and Wildlife Svc. 26 p.
- 152629 Hood, G. (1964) Letter sent to T. Parr dated Jul 16, 1964: [Morestan toxicity and repellency test]. Prepared by US Dept. of the Interior, Fish and Wildlife Svc. 6 p.
- 152630 Brussell, G.; Honeycutt, R. (1965) Morestan - Resume on Effects on Wildlife. Unpublished study prepared by Chemagro Corp. 2 p.
- 152631 Hazeltine, W. (1965) Data from Dr. O. Cope, Denver Federal Center [Concerning Morestan Toxicity]. Unpublished study. 1 p.
- 152633 Yoshida, K.; Nishimura, Y. (1972) Toxicity of Pesticides to Some Water Organisms. Unpublished translation of Bulletin of the Agricultural Chemicals Inspection Station, the Ministry of Agriculture and Forestry, No. 12., October, 1972. 15 p.
- 153486 Mobay Chemical Corp. (1984) Morestan Residue and Metabolism Data. Unpublished compilation. 682 p.
- 159550 Mobay Chemical Corp. (1984) HPLC Determination of Morestan: Analytical Method TM C-26.10. Unpublished study. 6 p.
- 5004388 Rosen, D. (1967) Effect of commercial pesticides on the fecundity and survival of~*Aphytis holoxanthus*~ (Hymenoptera: Aphelinidae). Israel Journal of Agricultural Research 17(1):47-52.

- 5016283 Lindquist, R.K.; Spadafora, R.R. (1974) Insecticides for greenhouse whitefly control on poinsettias. Pages 5-6, ~In~Ohio Florists' Association Bulletin No. 536. Columbus, Ohio: Ohio Florists' Association.
- 40405800 Mobay Corp. (1987) Submission of Data in Response to Call-in Notice for Morestan: Teratology Study. Transmittal of 2 studies.
- 40463300 Mobay Corp. (1987) Submission of Data in Response to Data Call-In for Oxythioquinox (Morestan): Toxicology Study. Transmittal of 1 study.
- 40497200 Mobay Corp. (1988) Submission of Data To Support the Registration of Morestan 4 Ornamental Miticide: Toxicology and Product Chemistry Data. Transmittal of 6 studies.
- 40682900 Mobay Corp. (1988) Submission of Toxicity Data in Support of Morestan. Transmittal of 1 study.
- 40728400 Mobay Corp. (1988) Toxicity Data submitted to support the registration of Morestan. Transmittal of 1 study.
- 40829300 Mobay Corp. (1988) Submission of Data To Support the Registration of Morestan 4 Ornamental Miticide: Product Chemistry Data. Transmittal of 1 study.
- 40833700 Mobay Corporation (1988) Submission of Toxicity Data in Support of PP 3F2942 (EPA Reg. Nos. 3125-117 and 302). Transmittal of 1 study.
- 40909500 Mobay Corp. (1988) Submission of Toxicology Data in Response to Data Call-in for Products Containing Oxythioquinox (Morestan). Transmittal of 1 study.
- 41251200 Mobay Corp. (1989) Submission of Chromosomal Aberration Study in Support of Phase II Data Requirements for Morestan. Transmittal of 1 study.
- 41395800 Mobay Corp. (1990) Submission of Data in Support of Reregistration of List B Chemical Oxythioquinox: Aquatic Toxicity. Transmittal of 1 study.
- 41525400 Mobay Corp. (1990) Submission of Summary Metabolism Data to Support the Registration of the Product, Morestan to be Used on Almonds. Transmittal of 1 study.
- 41525401 Christopher, R.; Flint, D.; Murphy, J.; et al. (1990) Summary of Animal/Plant Metabolism and Bioavailability Studies Conducted with <sup>14</sup>C-Morestan: Lab Project Number: 100125. Unpublished study prepared by Mobay Corp., Agricultural Chemicals Div. 21 p.
- 41588300 Mobay Corp. (1990) Submission of Residue Data in Support of Morestan. Transmittal of 1 study.
- 41607500 Mobay Corp. (1990) Submission of Toxicity, Chemistry and Metabolism Data in Support of Oxythioquinox Phase 2 Reregistration. Transmittal of 12 studies.
- 41698000 Mobay Corp. (1990) Submission of Toxicity Data in Support of Phase II Reregistration. Transmittal of 1 study.
- 41824800 Mobay Corp. (1991) Submission of Mutagenicity data in support of Morestan Petition for Tolerance. Transmittal of 1 study.
- 41825500 Mobay Corp. (1991) Submission of Data To Support Reregistration Phase 2 Response for List B Chemical Oxythioquinox Case No. 2495: Toxicology Study. Transmittal of 1 study.
- 41866600 Mobay Corp. (1991) Submission of Toxicology Data to Support the Reregistration Phase 2 Response of Oxythioquinox. Transmittal of 1 Study.
- 41894900 Mobay Corp. (1991) Submission of Data in Compliance with Reregistration Phase 4 Data Call-in for Oxythioquinox: Toxicology Studies. Transmittal of 1 study.
- 41899700 Mobay Corp. (1991) Submission of product chemistry and toxicity data to support the reregistration of Morestan (oxythioquinox). Transmittal of 4 studies.



41910900 Mobay Corp. (1991) Submission of Data to Support the Reregistration Phase 3 Response for Oxythioquinox: Residual Data. Transmittal of 1 Study.

41918900 Mobay Corp. (1991) Submission of hazard evaluation data to support the reregistration of Chinomethionat (oxythioquinox). Transmittal of 1 study.

42002200 Mobay Corp. (1991) Submission of toxicity data in support of rereg- istration of oxythioquinox. Transmittal of 2 studies.

42008700 Mobay Corp. (1991) Submission of supplemental toxicity data in support of registration of Morestan. Transmittal of 1 study.

42020500 Mobay Corp. (1991) Submission of toxicity data in support of rereg- istration of oxythioquinox (morestan). Transmittal of 1 study.

42142500 Mobay Corp. (1991) Submission of toxicity data in support of rereg- istration of oxythioquinox (Morestan). Transmittal of 1 study.

42174100 Miles Inc. (1992) Submission of toxicity data in support of rereg- istration of Morestan (Oxythioquinox). Transmittal of 1 study.

42254400 Miles, Inc. (1992) Submission of phytotoxicity data in support of reregistration of Oxythioquinox. Transmittal of 1 study.

42337300 Miles Inc. (1992) Submission of Metabolism Data in Support of Registration for Morestan. Transmittal of 1 study.

42338400 Miles, Inc. (1992) Submission of toxicity data under FIFRA 6(a)(2) status (Additional adverse effects) for Morestan (Oxythioquinox). Transmittal of 2 studies.

42354100 Miles Inc. (1992) Submission of Toxicity Data in Support of Reregistration for Morestan. Transmittal of 1 study.

42536800 Miles Inc. (1992) Submittal of oncogenicity data in support of 6(a)(2). Transmittal of 1 study.

42536801 Thornton, J. (1992) Letter Sent to OPP, US EPA dated Oct. 28, 1992 Regarding Conduct of Rat Chronic/Oncogenicity Study: Morestan Technical. 2 p.

42684700 Miles (1993) Submission of toxicity data in support of FIFRA 6(a)(2) requirements for Morestan Technical. Transmittal of 1 study.

42715500 Miles (1993) Submission of toxicity data in support of the FIFRA 6(a)(2) requirement for Morestan reregistration. Transmittal of 1 study.

42715501 Thornton, J. (1993) Letter Sent to Office of Pesticide Programs dated Mar. 25, 1993: Notifying EPA that an avian reproduction study on bobwhite quail (MRID 42142501) should be considered under FIFRA 6(a)(2): Morestan Technical. Prepared by Miles Inc. 2 p.

42719500 Miles, Inc. (1993) Supplemental submission of toxicity data in support of the Morestan registration update. Transmittal of 1 study.

42770100 Miles, Inc. (1993) Submission of animal and plant metabolism data to support the Phase IV reregistration for Chinomethionate (Oxythioquinox). Transmittal of 2 studies.

42812200 Miles Agriculture Division (1993) Submission of environmental fate data in support of reregistration for Oxythioquinox. Transmittal of 1 study

42837500 Miles Agriculture Division (1993) Submission of supplemental toxicity data in support of reregistration for MORESTAN (Oxythioquinox). Transmittal of 1 study.

42852800 Miles Inc. (1993) Submission of rotational crop data in support of the reregistration for chinomethionate. Transmittal of 1 study.

42866100 Miles Inc. (1993) Submission of interim toxicity data in support of FIFRA 6(a)(2) requirements for Morestan Technical. Transmittal of 1 study.

42866101 Thornton, J. (1993) Letter Sent to Office of Pesticide Programs dated July 29, 1993 Concerning Interim Results from a Rat Chronic/Oncogenicity Study with Morestan. Prepared by Miles Inc. 2 p.

42948600 Miles Inc. (1993) Submission of Residue Chemistry Data in support of FIFRA 6(a)(2) for Morestan Technical. Transmittal of 1 study.

42994000 Miles Agricultural Div. (1993) Submission of Supplemental Toxicity Data in Support of Reregistration for Oxythioquinox (Morestan). Transmittal of 1 study.

43007100 Miles Inc. (1993) Submission of Environmental Fate Data for (carbon-14) Chinomethionate in Support of Reregistration. Transmittal of 1 Study.

43568400 Miles, Inc. (1995) Submission of Hazard to Aquatic Plants Data in Support of FIFRA 6(a)(2) for Morestan Technical. Transmittal of 1 Study.

43806000 Bayer Corp. (1995) Submission of Product Chemistry Data in Support of the Reregistration of Oxythioquinox. Transmittal of 1 Study.

44141600 Bayer Corp. (1996) Submission of Residue, Environmental Fate, Toxicity, and Hazard to Non-target Plants Data in Support of the Reregistration of Oxythioquinox. Transmittal of 5 Studies.

44165900 Bayer Corp. (1996) Submission of Residue Data in Support of the Reregistration of Chinomethionate Containing Products Morestan 25 WP and Morestan Solupak. Transmittal of 1 Study.

48033000 E. I. du Pont de Nemours and Co., Inc. (2010) Submission of Product Chemistry and Toxicity Data in Support of Risk Assessment. Transmittal of 13 Studies.

48033008 Kojima, H.; Katsura, E.; Takeuchi, S.; et al. (2004) Screening for Estrogen and Androgen Receptor Activities in 200 Pesticides by In Vitro Reporter Gene Assays Using Chinese Hamster Ovary Cells. *Environmental Health Perspectives* 112(5): 524-531.

48033010 Nishihara, T.; Nishikawa, J.; Kanayama, T.; et al. (2000) Estrogenic Activities of 517 Chemicals by Yeast Two-Hybrid Assay. *Journal of Health Science* 46(4): 282-298.

92137000 Mobay Corporation (1990) Reregistration Phase 3 Response: Methyl-2,3-quinoxalinedithiol cyclic S,S-dithiocarbonate.

92137999 Mobay Corporation (1990) Reregistration Phase 3 Response: Methyl-2,3-quinoxalinedithiol cyclic S,S-dithiocarbonate. Correspondence and Supporting Material.